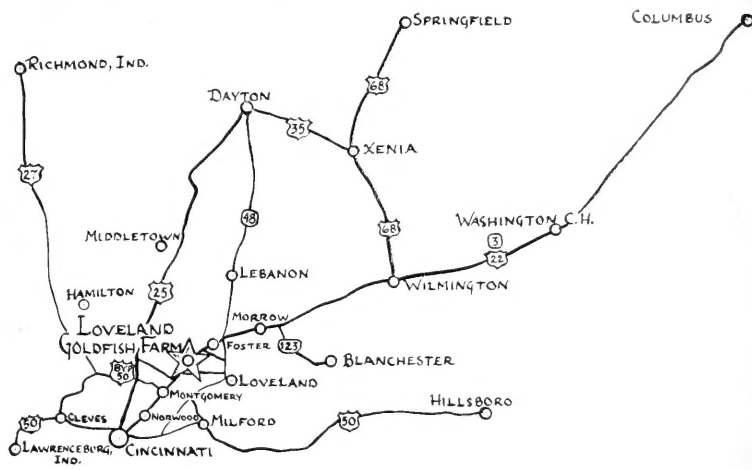


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# Visitors Welcome



LOVELAND GOLDFISH FARM AND AQUATIC NURSERIES IS LOCATED ON THE C. C. C. HIGHWAY, U. S. 22 — STATE ROUTE 3, JUST A PLEASANT 20 MILE DRIVE FROM DOWNTOWN CINCINNATI.

We invite you to visit "Ohio's Finest Water Gardens." We are here to serve you at our plant as well as to fill your orders by mail. When vacationing this year or if you live nearby, drive out to see us. You will be delighted by the unusual and exotic beauty of what you will see here on our twenty eight acres devoted exclusively to the growing and raising of "Things Aquatic".

WE ARE NOT LOCATED IN THE VILLAGE OF LOVELAND—STAY ON THE C.C.C. HIGHWAY (U.S. No. 22—State Highway No. 3)—Loveland, Ohio is our Post Office address only. (Note our location on the map in relation to the village of Loveland.)

OPEN DAILY—8:00 to 5:00; SUNDAY 9:00 to 5:30; from January 1 to April 1, we are open Daily 8:00 to 5:00 — Sunday 12:00 to 5:30.

We are not open in the evening and we close on the following holidays: New Years Day, Decoration Day, Independence Day, Labor Day, Thanksgiving, and Christmas.

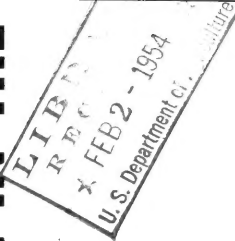
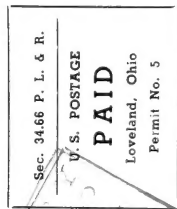
Our Phone Number — LOVELAND 5-5521

January 1 to  
April 1  
Open Daily  
8 to 5  
Sundays  
12 to 5:30



April 2 to  
December 31  
Open Daily  
8 to 5  
Sundays  
9 to 5:30

1953 "THINGS AQUATIC IN THE HOME"



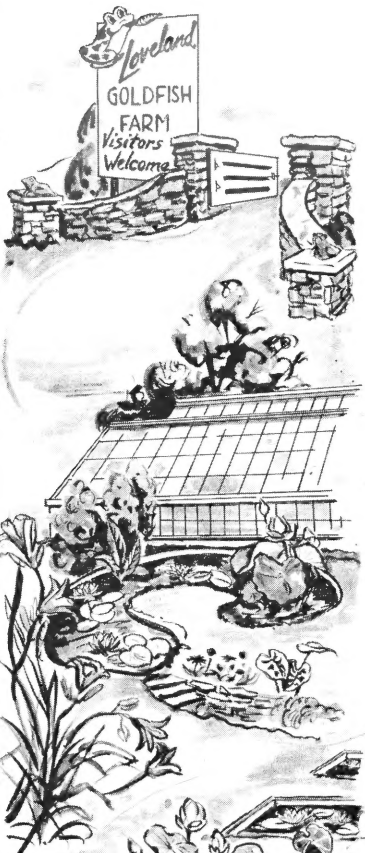
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Return Postage Guaranteed



# Visitors Welcome!

The picturesque gateway of the Loveland Goldfish Farm and Aquatic Nurseries has for many years been a landmark on the C.C.C. Highway. Located just twenty miles from downtown Cincinnati our aquatic nurseries, gardens, and show rooms have been a mecca for fish and plant lovers for twenty-nine years. Thousands of visitors have enjoyed wandering through our plant filled greenhouses, through our Tropical Fish Display Rooms, and around our goldfish ponds and lily pools outside. Many faces have become familiar, and we have made many, many friends of our customers who come regularly to see us.

"Visitors are Welcome"—and we mean it! When you come out to see us—bring the family. Whether you come to look or to shop, you are welcome to stay as long as you like and to roam wherever you wish. In our large modern greenhouses, in a tropical atmosphere, you will see growing in concrete pools thousands of Tropical Fish, Snails, and underwater plants. In addition to "Things Aquatic" we also grow many unusual and different varieties of unusual house plants, cacti, African Violets, Terrarium, and display plants. In our Tropical Fish Display Room you will see in large and small tanks many varieties

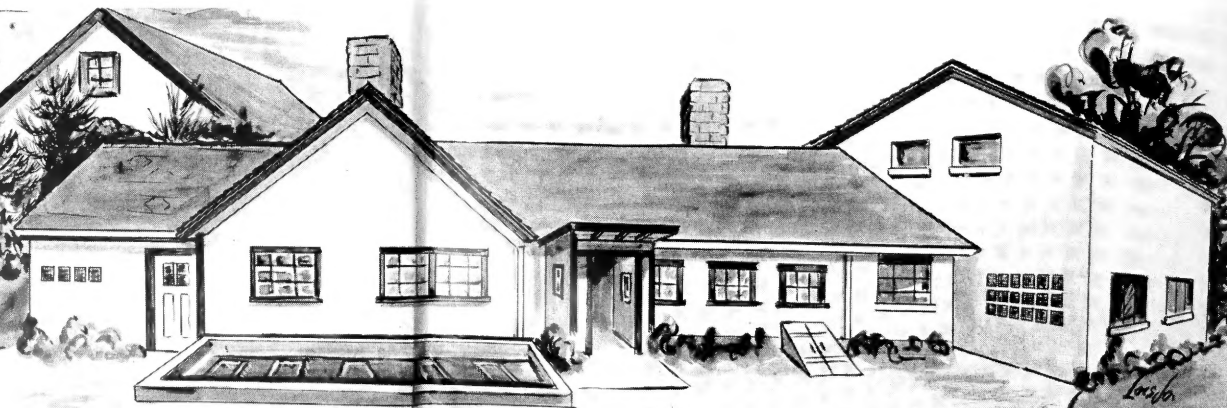
of Tropical Fish. Many of these tiny creatures, emblazoned with all the colors of the rainbow, are imported from distant parts of the world.

Our warehouse and stock rooms are filled with every accessory necessary for your aquarium; all the items we list here in our catalog are on display for you to see and choose from. Our competent staff is ready to assist you in making your purchases or to answer any question you may have pertaining to your aquarium, plants, or pool.

Thank you for sending for our catalog—we sincerely hope that you will enjoy it. To those of you who have already discovered the pleasure, beauty and enjoyment of "Things Aquatic" our catalog may only be a price list and booklet of information. To those of you who have not, we hope that our catalog may be the key opening the door to hours and years of untold beauty and pleasure from an aquatic hobby in your own home.

Ten million people can't be wrong! Tropical Fish as a hobby is one of the most popular and fastest growing hobbies in our country today. The number of hobbyists and fish enthusiasts are constantly increasing because dollar for dollar there is more and lasting pleasure for the whole family.

Entire contents of this catalog copyrighted 1953—Loveland Goldfish Farm and Aquatic Nurseries, Loveland, Ohio.





## HOW TO ORDER

### These Terms and Directions Apply To Retail Orders Only

Order early—our stocks are complete now—use this order sheet—additional order blanks will be sent with your order or on request. Print your name and address plainly on order blank—order by number as well as name of item from our catalog wherever possible. To facilitate handling do not write letters on same sheet as orders.

**REMITTANCE**—Should be made by post office or American express money orders, bank draft, or your personal check. We do not recommend that you send currency or coins in the mails.

No C. O. D. orders accepted.

Minimum order from our catalog \$1.00.

If shipment is to be sent via Parcel Post—add 10% to your order to take care of handling and postage. Orders for \$2.50 or less require 25c extra for postage and packing. This amount must be added to amount of order. West of the Rockies add 35c.

If no allowance for Postage accompanies your order we shall assume that you wish your order shipped Railway Express—shipping charges collect.

#### HOW WE SHIP—

Railway Express—Aquariums, Stands, Aquarium Gravel, Aquarium Cement, Goldfish, Glassware items as indicated, Soil, and other large, heavy or bulky items are shipped via Railway Express, shipping charges collect. Other items ordered with above listed items can also be shipped Railway Express.

#### BAD ORDER REPORTS

If your shipment via Railway Express arrives damaged, spoiled, or dead on arrival, accept shipment and Express charges. Have the delivery man or your Railway Express agent give you a "Joint Inspection Bad Order Report" stating your loss or damage—condition of contents—and box. If shipment was delayed enroute state length of time enroute—report all evidence of rough handling. In the case of goldfish state whether loss was due to can being overturned or damaged to cause water leaking or loss.

We do not guarantee replacement of any items shipped Railway Express unless we receive a copy of the Bad Order Report in the event of loss or damage.

#### GOLDFISH ORDERS AND SHIPMENT

All goldfish orders must be shipped Railway Express—if additional plants or merchandise are ordered with goldfish they can be sent at the same time along with the goldfish. No orders for goldfish accepted if shipping distance is over 1,000 miles.

We guarantee live arrival on all goldfish orders—if your shipment should arrive in bad condition get a "Bad Order Report" from the Express company—mail this to us—and return the empty shipping can—with these—we can replace "free" your loss. The right to replace or refund the purchase price is reserved to our discretion.

All cans which require a deposit must be returned prepaid to us at once—the deposit does not cover the cost of our cans—we would rather have our cans than your deposit—please help us!

#### PARCEL POST SHIPMENTS

We ship Parcel Post all small items when sufficient postage is included. All easily broken items are shipped Parcel Post insured. If your order is shipped insured and arrives damaged file claim with post office and send us this claim form for completion so that we may replace loss or damaged merchandise.

For safe speedy shipment of Aquatic Plants or other plants we strongly suggest Parcel Post Special Delivery. If Special Delivery shipment is desired add 15% to amount of your postage allowance.

Prices apply only to the United States proper.

## Where To Find It...

	PAGE
Air Pumps .....	17
Aeration Equipment .....	17-18-19
Aquariums .....	11-12-13
Aquarium Accessories .....	10-11
Aquarium Decorations & Ornaments .....	9-14-22
Aquarium Reflectors .....	13
Aquarium Stands .....	12-13
Aquatic Plants .....	6-7
Aquarium Plants Collections .....	8
Books—Tropical Fish & Aquariums .....	16
Books—House Plants .....	9
Cacti .....	28
Complete Aquarium Collections .....	15
Dish Gardens .....	24-27
Dish Garden Miniatures .....	25
Dried Plant Materials & Gardens .....	27
Filters for Aquariums .....	18-19
Fish Foods & Remedies .....	16
Glass Gardens .....	24
Goldfish .....	23
Gravel Guards—Gravel .....	22
Heaters .....	20
House Plants .....	25-26-27-28
Ivies .....	24
Madonna Planter .....	25
Miniature Ornaments for Dish Gardens .....	25
Moisture Loving Plants .....	28
Plant & Scavenger Collections .....	8
Snails & Scavengers .....	9
Thermostats .....	21
Thermometers .....	10
Turtles & Turtle Bowls .....	9
Tropical Fish .....	23
Terms—Shipping Information .....	4-23
Terrarium Plants .....	25

### GUARANTEE

We ship good stock carefully packed. All goods are guaranteed to reach you in good condition. If shipment should arrive in bad condition—be sure to receive a Bad Order Report from the Express Co.—stating condition of package and of fish—condition of water and if delayed stated thereon. Loveland Goldfish Farm makes no warranty, expressed or implied, with reference to any merchandise sold by us, except as to certified size and quality, and that all stock shall be true to name and our liability in any case shall be limited to the replacement of such items as are short or damaged.

If any of your friends desire one of these catalogs just have them drop us a card, we will gladly mail one to them.

# There Is Something About An Aquarium

A living picture—an aquarium fits in any room, unobtrusive to any color scheme or decor, demanding only a semi-permanent position on a table, bookcase, desk, aquarium stand, or built into a wall.

In your home, in the office or waiting room, and in the school, an aquarium provides an enduring and educational hobby that is fascinating to both young and old. Here is pleasure, beauty, and relaxation from observation of your finned pets; pleasure from which you will never tire. Here is nature at your elbow; in your aquarium, an ever changing panorama of undersea life and beauty. Vivid rainbow colored fish of odd shapes and sizes contrasted beautifully against the peaceful green background of graceful aquatic plants arranged to suit your aqua-scaping desires. Watch them live, watch them grow!

To those of you who have already discovered the pleasure, beauty, and relaxation of "Things Aquatic" our catalog may only be a price list and booklet of information. To those of you who have friends who own an aquarium that you have admired and aspired to own one like it, we hope that our catalog may be the key opening the door to hours and years of untold beauty and pleasure from an aquatic hobby in your own home.

## Why Things "Aquatic"

For years we have wondered at the lasting interest in keeping fish in the home. We have asked ourselves and our customers again and again why so many people have made their hobby "Things Aquatic." The answer lies not in a simple statement, but in several.

Young or old, an aquarium is enjoyed by everyone. Here is pleasure and a hobby you are never too old to enjoy, one that you will never tire of. Physicians point out that a man's hobby is an important means of complete mental diversion and physical relaxation. They encourage everyone

## Successful Aquarium Management

Keeping fish in the home is simple and easy provided a few common sense rules are followed. In placing the aquarium of your choice, all that is required is a semi-permanent location away from chilling drafts or excessive heat. Good light, not necessarily sunlight, is essential to plant growth and a healthy aquarium. When setting up a new aquarium the gravel should be thoroughly washed and the water in the aquarium conditioned or aged before introducing the fish. Allow the water to stand at least 24 hours or use "Water Rite Tablets" for the purpose of eliminating chlorine and other water purifying chemicals which are harmful to fish.

Here are a few simple rules; if adhered to your troubles will be minimized and pleasure from your hobby increased and longer lasting.

**1.** Don't over feed—cloudy water—gravel turning black at the bottom from decaying, uneaten foods are positive danger signals. Don't ignore them. Overfeeding causes the water to become unfit for the fish to live in.

**2.** Don't overcrowd—too many fish use up the oxygen content of the water faster than it is replaced and cause the fish to die. An easy rule to remember—two fish per gallon of water.



to adopt a hobby. For the adult an aquarium is a pleasant diversion from his working world, and as well, a striking decoration to any room. For the child there is real educational value in a hobby that will grow with him.

And remember too—"Things Aquatic" need not be expensive. We have listed in our complete catalog aquariums and equipment in all price ranges, to fit every budget. And be assured that all merchandise in our catalog is "Loveland Tested"—for quality and satisfaction.

**3.** Avoid temperature changes—sudden drops in water temperature can be fatal to Tropicals. The best life insurance you can buy for your finny pets is a good heater and thermostat that will keep the water constantly between 74 and 76 degrees F.

**4.** Keep your aquarium clean—dirty aquariums in addition to being unsightly are unhealthy. The dirt and refuse which accumulates on the bottom of the aquarium should be siphoned off regularly and the sides of the glass cleaned with an aquarium scraper. Time spent cleaning the aquarium can be further minimized by using an air pump and filter. A filter will always keep the water pure and clean. When refilling the aquarium always use aged water or water made safe by Water Rite Tablets.

**5.** Always—when adding new fish to your collection, quarantine them in a separate aquarium for at least 48 hours. If they have been bruised or have become sick in transporting them to your home this quarantine period will enable you to discover whether or not your new fish are sick and you will be able to treat the disease without danger of contaminating your entire aquarium.



## A Balanced Aquarium is Well Planted

A "balanced aquarium" is one in which the air surface of the water supplemented by the oxygen given off from the plants, provides sufficient oxygen in the water to support the life of the fish in the aquarium. The plants in giving off this life giving and water purifying oxygen, absorb harmful gases and carbon dioxide from the fish. It is the plants that keep the water fresh and clear, eliminating the necessity of changing the water in the aquarium.

Aquatic plants are the most important of the aquarium equipment and more than half the beauty. The natural beauty of aquatic plants serves as a pleasing background to enhance the exotic color of your fish.

Aquatic Plants need to be planted in "well-washed" aquarium gravel only; no soil is necessary. Gravel should be placed in the aquarium 2½ to 3 inches deep in the back, sloped to 2 inches deep in the front. Planting is done with the aquarium at least two thirds full of water. The roots of the plant should be gently pushed into the gravel and covered up to the crown, leaving the crown exposed. The arrangement of the plants in the aquarium is a matter of taste. Generally the taller plants are placed in the back with the smaller and more showy specimens towards the front. Plants require 8 to 10 hours of good light each day; they will grow equally well in sunlight or artificial light provided by an aquarium reflector.

**CRYPTOCORYNE**—The plants in this group are particularly well suited to aquariums that receive subdued light. In our opinion they are to be considered with the most beautiful of the aquatic plants. All are strong rooted and hardy, distinctively different in color and shape.

**101 CRYPTOCORYNE CORDATA**—Broad heavy leaves, dark olive green, red underneath. **35c each; Large 75c**

**102 CRYPTOCORYNE BECKETTI**—Dwarf variety—bright green leaves, long roots, an ideal plant for small aquariums. **25c each; Large 50c**

**103 CRYPTOCORYNE GRIFFITHI**—The most beautiful of the Cryptocorynes—Broad dark silken green leaves, red underneath. Long stemmed and rooted—very hardy. **Med. 75c each; Large \$1.50**

**104 CRYPTOCORYNE WILLISI**—A decorative plant which is out of the ordinary. Thin, ripple edged green leaves. Propagates from short runners. **35c each; Large 50c**

**105 BROAD LEAF WATER SPRITE**—Broad fern like fronds that spread fan-like under water. New plants reproduced from the leaves. Light green in color **Small plant 25c; Large 50c**

**105 NARROW LEAF WATER SPRITE**—Same as broad leaf sprite—only finer leaves, more delicate in texture, does not grow as large. **Small 25c; Large 50c**

**107 PIGMY CHAIN SWORD PLANT**—Echinodorus Species. A

dwarf replica of the Amazon Sword Plant. Grows to height of 4 to 5 inches. **25c each**

**108 AMAZON SWORD PLANT**—A truly gorgeous aquatic plant! Large bright green leaves, varying in shade, depending on the amount of light received. Excellent as a center plant, grows large, longlived and hardy.

**Small 75c; Med. \$1.50; Large \$2.50**

**109 JUNIOR AMAZON SWORD PLANT**—Another smaller growing center plant for small aquariums. Narrow bright green leaves, grows to 8 inches. New plants reproduced by runners. **20c each**

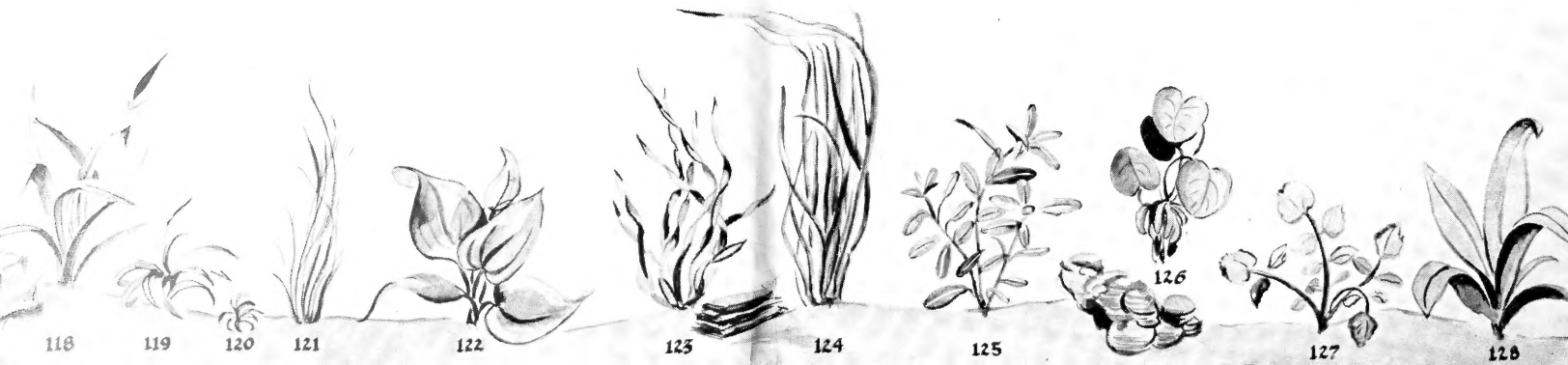
**110 ROUND LEAF SPATTERDOCK**—Delicate light green rounded leaves, low growing, requires good light. **25c each**

**111 SOUTHERN SPATTERDOCK** (Cape Fear Spatterdock)—Long leaves, crinkled translucent green. An excellent center plant. **25c each**

**112 APONOGETON UNDULATUM** (A. Crispus)—A magnificent aquarium plant! Leaves are somewhat translucent, resembling rippled green swords. Grows large, requires good light. **Med. 75c; Large \$1.50**

**113 APONOGETON ULVACEUS**—The most magnificent of all center plants. Semi-translucent latticed leaves of beautiful green. Comes from Madagascar, has wonderful growing qualities. Reproduced from seed or root separation. **Med. \$2.50 each; Large \$3.50 each**

**114 APONOGETON DYSTACH GRANDIFLORA**—A very close resemblance to Ulvaceus—except that taller plants produce flat leaves that float on the surface of the water. **Medium 50c; Large \$1.00**



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- 110 DWARF AQUARIUM LILY**—A true water lily from Madagascar. Brown spotted green leaves. **45c** each
- 116 CELLOPHANE PLANT**—Beautiful translucent green leaves; from Honduras; an attractive center plant. Medium Plants **35c** each; Large Plants **50c** each
- 117 AMBULIA**—A very decorative plant—resembles Cabomba. Light green; can be "pinched off" and replanted, grows roots rapidly. **35c** per bunch
- 118 SAGITTARIA SINENSIS**—Strong heavy leaves, bright green, grows tall to about 12 or 14 inches. **15c** each; **2** for **25c**
- 119 SAGITTARIA—DWARF VARIETY**—Resembles Sinensis—small growing, excellent oxygenator. **10c** each; **3** for **25c**
- 120 SAGITTARIA MICROFOLIA**—Excellent for front planting, a tiny dwarf variety to carpet the aquarium floor. A good oxygenator. **4** for **25c**
- 121 SAGITTARIA SUBULATA**—Heavy, grass like dark green leaves. Propogates rapidly, grows to about 10 inches. **6** for **25c**
- 122 ECHINODORUS RADICANS** (Sagittaria Guayanensis)—Broad, oval shaped leaves—flourishes under water—aerial stems bear leaves above the surface. Small **50c**; Large **\$1.00**
- 123 CORKSCREW VALISNERIA**—Long bright green leaves that spiral like a corkscrew to the surface. An excellent oxygenator; may be used in small or large aquariums. **5** for **25c**; **12** for **50c**
- 124 VALISNERIA**—(Eel grass)—One of the best oxygenators, and all time favorite of all aquarists. Grows tall, spreads rapidly in moderately good light. **5** for **25c**; **12** for **50c**

- 125 HYGROPHILA**—A newer plant that has become very popular. Its bright green oval shaped leaves grow from stems that can be broken and planted in the gravel to take root rapidly. An excellent plant for baby fish to hide in where a thick planting is made. **25c** per bunch
- 126 BANANA PLANT**—An odd plant with round leaves and thick roots that resemble a cluster of bananas. An aquatic oddity that is easy to grow. **25c** each
- 127 WATER CELERY**—Light green leaves that resemble closely the leaves on a celery stock. A novel plant worth while trying in your aquarium. **35c** each
- 128 WATER ORCHID**—A beautifully shaped plant with thick, heavy, dark green leaves. Grows well in subdued light. Mature plants bloom above the water. **35c** each
- 129 CABOMBA**—Bright green fuzzy leaves—an excellent oxygenator; a good plant for baby fish to hide in. May be planted or left floating. **15c** per bunch
- 130 WATER ROSE**—An unusual aquatic plant—bright green leaves. **25c** each
- 131 ANACHARIS**—A heavy thick growing plant—an excellent oxygenator. **15c** per bunch
- 132 FOUR LEAF CLOVER**—A definite attraction in any aquarium. Real clover shaped leaves on long stems under water. **25c** per portion
- 133 MYRIOPHYLLUM**—A feathery plant ideal for spawning egg laying fish; a good plant for baby fish to hide in; an excellent oxygenator. **15c** per bunch

- 134 LUDWEGIA**—Thick stemmed, round green leaves, red underneath. **20c** per bunch
- 135 HAIR GRASS**—A dense growing plant with hair-like leaves. Very attractive when planted in clumps. Two varieties, rooted or floating. **25c** per portion
- 136—MONEYWORT**—Round leaves, bright green, a good oxygenator. **25c** per bunch
- 137 BRAZILIAN UNDERWATER FERN**—An odd plant with long bright green serrated leaves; heavy roots. **25c** each
- THE FOLLOWING PLANTS ARE NOT ILLUSTRATED:**
- 138 VARIEGATED VALISNERIA**—A giant variety—broader leaves, very good in larger aquariums. **15c** each; **2** for **25c**
- FLOATING PLANTS—**
- 141 AZOLLA—SALVINA—DUCKWEED**—assorted. Per portion **25c**

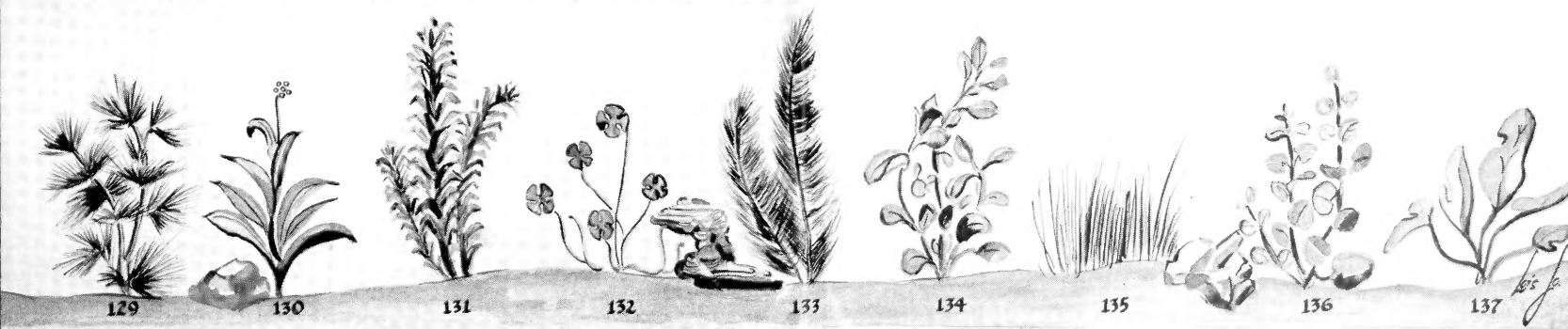
**142 FLOATING WATER FERN**—An interesting viviparous plant that floats on the top of the water, long hairy roots. An ideal plant to use with bubble nest builders. **10c** per plant

**AQUA-FERN**

Sensational new brightly colored fern-like plant that requires no light—will not rot or decay. Comes in dramatic green or red colors. Combine them with natural aquatic plants for sparkling effects. An excellent spawning or hiding plant for babies.

**AQUA-FERN SMALL SIZE**—about 4' Red or Green ..... **39c**

**AQUA-FERN LARGE SIZE**—about 6' Red or Green ..... **69c**





No. 1 No. 2 No. 3 No. 4 No. 5

Plants in picture are, from left to right: 1. Giant Vallisneria—2. Corkscrew Vallisneria—3. Amazon Sword Plant—4. Sagittaria Sinensis—5. Dwarf Lily

## For Deluxe Aquarium Planting---

These Deluxe Plant Collections are composed of 15 different varieties of plants. For suggested planting see numbered drawing below.

**COL. A-30**—Includes 15 varieties 75 plants. only \$7.75  
(Plants are listed to correspond with numbers in drawing)

- No. 1—2 Bunches Hygrophila (For corners)  
2—8 Cryptocoryne Willisii  
3—2 Cryptocoryne Griffithii  
4—12 each—Sagittaria Microfolia—Sag. Subulata  
(For planting across front)  
5—2 Dwarf Aquarium Lilies  
6—1 Southern Spatterdock  
7—1 Amazon Sword Plant (For centerpiece)  
8—3 Cryptocoryne Beckettii  
9—1 Tropical Spatterdock  
10—2 Cryptocoryne Cordata  
11—3 Ambulia  
12—12 Corkscrew Vallisneria  
13—9 Giant Vallisneria  
14—12 Vallisneria  
15—6 Sagittaria Sinensis



**COL. A-30**—This collection of plants will beautifully aquascape an aquarium of 30 to 50 gallons. 15 varieties—75 plants. Collection Price \$7.75

**COL. A-15**—This collection is for a 15 to 20 gal. aquarium. 15 varieties—50 plants. Collection Price \$5.50

**COL. A-10**—This collection is for a 10 gal. aquarium 15 varieties—25 plants. Collection Price \$3.75

# AQUATIC PLANT COLLECTIONS

The plants in the collections listed on this page are selected from the finest of aquarium plants grown in our greenhouses. All plants listed are excellent oxygenating plants; the collections are varied to give proper size and number of plants according to the size of your aquarium. Experienced aquarists select, gather, and wrap all plants carefully so that they will reach you in good condition to give you pleasure and add beauty to your aquarium.

## COLLECTION NO. A-1

This collection for the five gallon aquariums—consists of the popular varieties—Vallisneria, Sagittaria, Anacharis, and Floating Fern.

10 Plants—4 Varieties \$1.25

## COLLECTION NO. A-2

For those aquarists with a five to eight gallon aquarium who desire a wider variety of oxygenating plants we recommend this collection. Eight varieties of plants.

\$1.75

## COLLECTION NO. A-3

An assortment of at least 20 selected plants in eight to ten varieties. Sufficient for an attractive display in a 10 gallon aquarium.

\$2.25

## COLLECTION NO. A-4

A Deluxe assortment of at least 20 assorted plants including some of the more rare types such as Cryptocoryne, Cellophane Plant, Spatterdock, etc., for a 10 to 15 gallon aquarium.

\$2.75

## COLLECTION NO. A-5

For the 15 to 20 gallon aquarium we recommend this assortment: 30 plants of at least 12 varieties including the Cryptocoryne.

\$3.25

## COLLECTION NO. A-6

For the 20 to 30 gallon aquarium—a collection of 30 or more plants including the four varieties of Cryptocoryne and one of the Aponogeton.

\$5 00

## PLANT AND SCAVENGER COLLECTION

**PS-1**—Plants and Scavengers. A collection suitable for a 2 to 5 gallon aquarium.

8 Plants and 4 Snails \$1.25

**PS-2**—A collection of 15 selected plants and 6 assorted snails—suitable to balance a 10 gallon aquarium. \$2.00

**PS-3**—This collection for a 15 to 20 gallon aquarium. 20 assorted Plants (Col. A-4) and asst. of Snails (Col. S-10) \$3.75

## NEW GIANT HYGROPHILA from Brazil

Here is a plant, recently introduced to aquarists in this country, that has proven itself to be an excellent and easily grown aquarium plant. A beautiful plant, Giant Hygrophila has slender, tapering, dark green leaves, that grow from a sturdy stem slightly darker in color. Easily grown from cuttings, quick to root, Giant Hygrophila will flourish in any aquarium. For variation in your outdoor pool, plant it in shallow water—outdoors it will grow above the water and bear delicate white blooms.

50¢ per Plant; 3 for \$1.25



## GOOD LIGHT IS ESSENTIAL

Good light, not necessarily strong sunlight is necessary to grow beautiful plants in any aquarium. Artificial light, easily controlled by an aquarium reflector is usually the best. An aquarium reflector (See page 13) is a worthwhile investment in added beauty and pleasure.

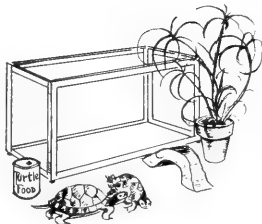


## ORNAMENTAL DIVER AIR RELEASERS

Realistic and life like, made of pure lead, will not harm fish or plants in your aquarium. These divers are equipped with an attachment for air hose with an air releaser built into the helmet for that realistic effect.

- NO. 1 DIVER with OPEN JEWEL CHEST**—3½ inches high with removable metal air releaser built in helmet. Each **\$2.35**
- NO. 2 STANDING DIVER WITH STAFF**—4½ inches high with removable metal air releaser built in helmet. Each **\$2.00**
- NO. 2A SMALL STANDING DIVER WITH DAGGER**—3¼ inches high—with reed air releaser in helmet. (Same as No. 2 but smaller.) Each **\$1.15**
- NO. 3 KNEELING DIVER**—3¼ inches high with fine carborundum stone built in helmet. Each **\$1.75**
- NO. 4 SMALL DIVER ON CEMENT BASE**—standing diver 3¼ inches high with reed air releaser in helmet. Each **\$1.00**
- NO. 5 DIVER AND SUNKEN SHIP**—rocks and cement base—3½ inches high, 8 inches long, diver has reed air releaser in helmet. Each **\$2.00**
- NO. 6 DIVER AND TREASURE CHEST**—on cement base, 3½ inches high, diver has reed air releaser in helmet. Each **\$1.60**

## TURTLE COLLECTIONS



These baby turtles are a special delight to youngsters. They make wonderful pets, require little care, and are an ideal way to educate children about animal life and care of pets.

Because baby turtles are not available at all times we can ship these Turtle Collections only when we are able to obtain them. Usually we are able to ship them from February to April—and from August to November.

**COLLECTION NO. 57**—2 Baby Green Turtles, 1 Umbrella Palm, 1 box Jo-Jo Turtle Food, 1 Turtle Bridge—Price **\$1.50**.

**COLLECTION NO. 58**—All of Col. No. 57 with a GC2—2½ gallon Grey Hammerloid Finish Aquarium 14" long, 6" wide, 6" high. PRICE COMPLETE **\$3.95**.

**COLLECTION NO. 59**—A smaller collection—includes 1 Baby Green Turtle, 1 box Jo-Jo Turtle Food, 1 bag pearl Chips, 1 Plastic Turtle Bowl with Palm Tree Ornament—PRICE COMPLETE **\$1.45**.



## SCAVENGERS...for the Aquarium and Pool

Be sure you have some of these scavengers in your aquarium. Snails are always interesting to watch and are of real value because they help to keep the aquarium clean. Snails consume much of the excess food and debris from decaying plant leaves; they also feed on Algae. Like any other scavenger, they cannot be expected to keep the water clear or to remove all the debris that accumulates on the bottom. Snails do not attack live fish, but they do provide an additional service in that they feed on the carcass of dead fish which prevents the dead fish from "souring" the aquarium water.

**MYSTERY SNAILS** (*Ampullaris Cuprina*)—This four-horned snail derives its name from the mysterious fashion in which it lays eggs outside the water in which they live. 200 to 300 eggs are deposited on the surface above the water line. A very useful as well as interesting scavenger; a good infusoria producer. MEDIUM SIZE 2 for 25c — 12 for \$1.00. LARGE BREEDERS—75c per pair.

**MYSTERY SNAIL EGGS**—Easy to hatch, small eggs are shipped to you complete with directions, 200 to 300 eggs in nest. PRICE **\$1.00**.

**JAPANESE SNAILS** (*Viviparis Mallaetus*) "Trap Door Snail"—this live bearing snail originally from Japan is well suited to cold water tanks and outdoor pools. Hardy and prolific these snails make excellent scavengers. EXTRA LARGE 50c pair. ASSORTED SIZES 25c pair—12 for \$1.00.

**RED RAMSHORN SNAILS** (*Planorbis Corneus*)—An active worker, small, bright red in color. Lays eggs in gelatin like mass. BREEDING SIZE 2 for 25c.

**BLACK RAMSHORN SNAILS** (*Planorbis*)—Another hardy snail that is an excellent scavenger for outdoor pools and goldfish tanks. 3 for 25c — 6 for 50c.

**PHILLIPINE SNAILS**—Pigmy live bearing snail—small dark brown in color, "Horn of Plenty" shaped. This tiny snail is a worthwhile addition to any tank, they burrow in the gravel and consume food and refuse below the surface. Very prolific breeders. 4 for 25c — 50c dozen.

**FRESH WATER MUSSELS**—These fresh water clams are useful in aquariums to filter green algae and cloudiness from the aquarium. They remain half buried in the gravel and filter the water through themselves feeding on any suspended matter that may be present in the water. 2 for 25c — 12 for \$1.00.

**AMERICAN NEWTS** (*Salamanders*)—These interesting little aquatic animals are amphibious; they can be kept with goldfish, in pools or aquariums. 35c each.

**BABY TURTLES**—Another aquatic novelty; these little fellows make wonderful pets for children and provide them with a sense of responsibility towards living creatures. Interesting to watch they will eat Turtle Food, Ant Eggs, or White Worms. Give them an occasional bit of raw beef and keep them where they get a few hours of sun each day. EACH 75c.

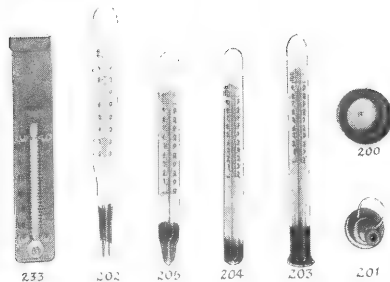
## SCAVENGER COLLECTION

### COLLECTION NO. S-10

**SNAIL COLLECTION.** Consists of a selection of five varieties of snails.  
All nice, selected specimens. ....

**\$1.25**

# Aquarium Necessities



## AQUARIUM THERMOMETERS

- 233—Stainless Steel Hanging Thermometer**—Hangs on aquarium frame, accurate, easy to read, clearly defined numerals. 5¼" long. **\$1.00** each
- 202—Large Mercury Filled Floating Thermometer**—Floats upright in the aquarium, accurate, easily read markings. 6¼" long. **75c** each
- 205—Speed Point Floating Thermometer**—Floats upright, accurate within two degrees, red filled, easy to read numerals. 4½" long. **35c** each
- 204—Floating Thermometer**—An inexpensive, accurate thermometer. Floats upright in the aquarium. 4¾" long. **25c** each
- 203—Standing Thermometer**—Weighted to stand vertically at the bottom of the aquarium. Accurate within two degrees, red filled, easy to read. 5" long. **35c** each
- 200—Stick-On Thermometer**—Attaches by suction to the inside surface of the aquarium glass. Accurate, easy to read, and dependable. 1¼" diameter. **\$1.50** each
- 201—Rubber Suction Cup Holder**—For floating thermometers or feeding rings, fastens them securely against the glass in the aquarium. **10c** each—3 for **25c**
- 210—Glass Feeding Rings**—Prevents food from spreading over the entire aquarium, makes it easier to keep tank clean.
- 210 A—2"x2"** Glass ..... **25c**
- 210 B—2½"x2½"** Glass ..... **25c**
- 210 C—3"x3"** Glass ..... **35c**
- 210 D—2"x4"** Glass ..... **35c**
- 211—Plastic Feeding Rings**—Unbreakable, green plastic construction.
- 211 A—2"x2"** Plastic ..... **35c**
- 211 B—2"x4"** Plastic ..... **50c**

**212—Plastic White Worm Feeding Ring**—An excellent way to feed live food to your fish without the worms falling to the bottom into the gravel. Fish await the worms to crawl out of the holes in bottom of feeding ring. **25c** each

**213—Cork and Glass Worm Feeder**—Floats upright in the aquarium, holes in bottom. **25c** each

**214—Junior Water Testing Kit**—A simple testing kit and color chart for testing aquarium water to determine the acid or alkaline content. For healthier aquariums, and controlled breeding. **60c** each

**215—Senior Water Testing Kit**—A complete kit for testing and adjusting the PH values in your aquarium. An accurate color chart, Bromothymol Blue and "eye-dropper", Sodium Biphosphate, and Sodium Bicarbonate for adjusting water. Complete, easily understood directions. **\$1.75** each

**216—Fish Ade pH Kit**—pH papers, color chart, in a compact plastic case. To test acidity or alkalinity of your aquarium water simply tear off a small strip of the sensitive papers, dip in a drop of water and match the color on the chart. **\$1.00** each

**217—U-Channel Rubber**—Easy to use—to divide or partition your aquariums. Cut glass to size, fit in channel, place glass with rubber inside your aquarium. **15c** per foot

**218—Siphon Hose with Rubber Ball Starter**—7 ft. of heavy black rubber hose with rubber ball starter attached. Indispensable to the aquarists who want a clean aquarium. Easily used to siphon dirt and debris off the bottom of the aquarium. **\$1.00** each

**219—Self Designing Crystal Paint**—Tc paint aquarium glass on the outside, the back and sides, easy to apply, crystallizes in beautiful colors and shapes as it dries. Specify color desired when ordering. One ounce bottles, enough to paint the back of a 10-gallon aquarium. Red, Yellow, Blue, Green, Rose, Amber, Turquoise, White, and Clear. **25c** each

**220—Pecora Aquarium Cement**—A product that can't be beat for repairing broken or leaky aquariums, constructing new ones. Easy to work with, a black, ever-plastic cement. Directions for use on can.

- 220 A—1 Pound Pecora Cement** ..... **55c**  
(Can be shipped Parcel Post)
- 220 B—5 Pound Pecora Cement** ..... **\$2.25**  
(Shipped only Express Charges Collect)
- 220 C—10 Pound Pecora Cement** ..... **\$3.85**  
(Shipped only Express Charges Collect)

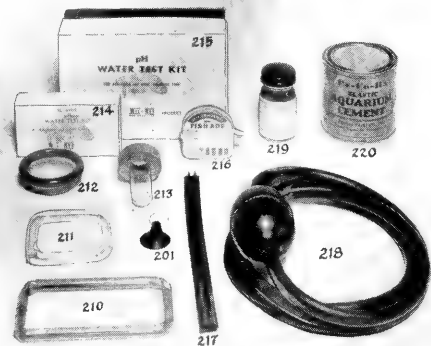
**FISH NETS**—Indispensable for every aquarists and fish fancier. For gold or Tropical fish—Wire handles.

- N 1—3 inch Triangular net** ..... **15c**
- N 2—4 inch Triangular net** ..... **25c**
- N 3—4x5 inch** ..... **35c**
- N 5—5x8 inch** ..... **50c**
- N 6—7x10 inch for large tanks** ..... **75c**
- N 7—3 inch Triangular goldfish net** ..... **20c**
- N 9—6 inch Triangular goldfish net** ..... **50c**

**NEW NYLON FISH NETS**—Faster drying, longer lasting nets for beginners or experts who insist on the best.

- N1N—3 inch Triangle** ..... **20c**
- N2N—4 inch Triangle** ..... **30c**
- N3N—5 inch Triangle** ..... **40c**
- N4N—6 inch Triangle** ..... **50c**
- N8N—5x8 inch** ..... **\$1.00**
- N10N—7x10 inch** ..... **\$1.50**

**201 A—Stainless Steel Clip Holders for Floating Thermometers**—fits over the frame on your aquarium and holds a floating thermometer securely in place for easy reading. **25c** each



**221—Liquid Aquarium Cement**—(Not Illustrated)—To repair minor leaks or cracks in aquariums. Easy to apply. 1 ounce bottle. **25c** each

**222—Aqua-Vac Power Dip Tube**—At last! An effortless way to quickly remove sediment from the bottom of your aquarium without removing valuable aged water, or disturbing the plants or fish. All you do is fill the filter compartment with glass wool and attach dip tube to any air pump. It literally vacuum cleans the bottom of your aquarium. Made from clear plastic. (NOTE: The Aqua-Vac will not operate without an air pump.)

**222 A**—14 inch Aqua-Vac ..... each **\$1.98**

**222 B**—18 inch Aqua-Vac ..... each **2.25**

**223—Plastic Dip Tubes**—To clean the dirt and refuse off the bottom of your aquarium. Put the large end of the dip tube into the aquarium over the dirt or sediment; keep finger covering top of smaller end; remove your finger—Presto! the dirt is sucked up into the tube. Remove and invert the tube, pouring out the water and the dirt. Dip tubes as illustrated have "take apart" feature for easy, thorough cleaning.

**223—12" Plastic Dip Tube** ..... each **65c**

**223 A**—14" Plastic Dip Tube ..... each **75c**

**223 B**—16" Plastic Dip Tube ..... each **85c**

**223 C**—18" Plastic Dip Tube ..... each **\$1.00**

**223 D**—24" Plastic Dip Tube ..... each **1.25**

**Wide Mouth "No Gravel" Dip Tubes**—Same as described above—Wide Mouth prevents tube from picking up gravel along with sediment.

**223 E**—12" Wide Mouth Dip Tube ..... **70c**

**223 F**—14" Wide Mouth Dip Tube ..... **80c**

**223 G**—16" Wide Mouth Dip Tube ..... **\$1.05**

**223 H**—18" Wide Mouth Dip Tube ..... **1.35**

**224—Plastic Catch Pipe**—Designed to safely catch and remove gravid females or baby fish from the aquarium. Place large end of catch pipe into aquarium, keeping finger over small end, guide pipe towards gravid female or baby fish, release finger when pipe is close to quarry, fish will be sucked into globe with water for safe removal. **65c** each

**225—Planting Tongs**—Rustproof, made from light weight non-ferrous metal. Simplifies planting without causing undue disturbance of fish in the aquarium. 15 inches long. **\$1.15** each

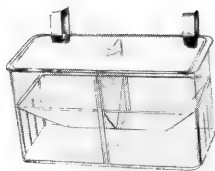
**226—Metal Aquarium Scraper**—Rust proof, light weight, 15 inches long, will hold any type safety razor blade.

**65c** each

**227—Metal Planting Stick**—One of the most useful tools we have seen. Makes planting in the aquarium easy. Catch roots firmly in the forked end and slip the plant into the gravel. Use broad flat end for parking gravel around plant to hold it in place. For real planting efficiency, use planting stick and planting tongs together. 18 inches long, rust proof.

**50c** each

**228—Wood Handle Aquarium Scraper**—19 inches long with reversible razor blade and rubber squeegee. Makes removing of algae from aquarium glass an easy job. **50c** each



**Wil-Nes Four Way Breeding Trap**—Completely molded plastic, scientifically devised water circulation, stainless steel hangers, and full cover. Can be used as a Single Breeding Trap—or insert the partition and you have a Double Breeding Trap for two expectant mamas. Use it as a Fry Tank to keep

new born babies or small fish safe from the cannibalistic jaws of larger fish—or as a Betta Display Tank—two male Siamese Fighting Fish can be placed side by side safely in your community aquarium. Price **\$3.25**

**229—Plastic Breeding Trap**—4"x4"x8" constructed of clear plastic with plastic rod slats in bottom to permit eggs or baby fish to drop through. If suspended in separate tank the newly born fish or eggs can drop through the openings between the rods and avoid their sometimes cannibalistic parents. **\$2.75** each

**230—V-Shaped Breeding Trap**—Designed for live bearers or for separating individual fish. Removable slat in bottom or for separating individual fish. Removable slat in bottom for conversion. **\$2.00** each

**231—Plastic Betta Trap**—For those of you who yearn for the beauty of more than one Betta (Siamese Fighting Fish) in a community aquarium, this partitioned plastic Betta tank is the answer. Tank is 4"x4"x8" with drilled holes to insure water circulation. Plastic partition is removable, easily bent metal hangers fasten Betta Trap to side of aquarium. **\$2.75** each

**232—First Aid Kit**—A complete package of preventatives and remedies to treat all diseases common to Tropical Fish and a new authoritative handbook on fish diseases. This simple handbook tells you in simple language how to recognize, diagnose, and how to treat the disease with the remedies contained in the kit. Protect your prized aquarium—have this practical First Aid Kit on hand at all times. Price **\$3.50**

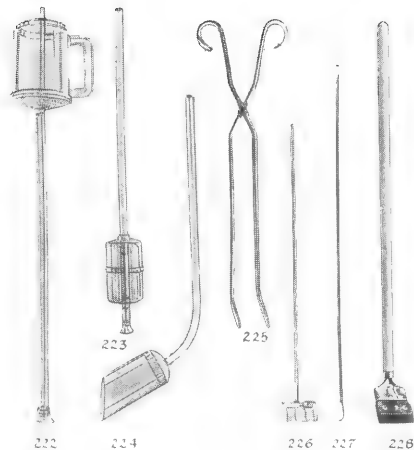
**234—Aqua-Fern**—The amazing new, everlasting color-fern for aquarium decoration and spawning. Not an artificial moss, aqua-fern will never spoil, never die, and needs no light to grow. An ideal spawning moss for breeding egg-layers. It can be dried out and used over and over. It comes in brilliant tones of red or green in two different sizes.

**234 A**—Small Aqua-Fern (about 4" high) **39c** each

**234 B**—Large Aqua-Fern (about 6" high) **69c** each

**235—Jo-Jo Spawning Grass**—Easy to use, a natural product that is practically everlasting. A wonderful spawning and hiding medium, will not deteriorate in water, can be dried and reused. Per Package **25c**

**236—Jiffy Aquarium Cleaner**—A time and work saver for all aquarists. Dirt and sediment in the aquarium is vacuumed off the bottom by means of a powerful rubber bulb with plastic tube. The dirty water from the aquarium is filtered through a cloth bag and the clean water passed back into



the aquarium. Eliminates troublesome mess and saves precious aged water. Use it once—and you'll never give it up. Price **\$3.79**

**237—Water Testing Kit**—Safe, dependable and accurate. An easy method for determining the relative hardness or softness of aquarium water. Complete with directions in clear plastic box. **\$2.00**

**238—Water Softener**—An effective water softener for aquarium use. Placed in an aquarium filter this softener does the job completely and effectively. Pillow can be recharged and used over and over. **\$1.00**

**Vita-San "Water Conditioner"** (Antiscrassicum)—The

natural way of keeping and breeding aquarium fishes. Fully guaranteed to prevent and destroy harmful bacteria due to food decay; increase the amount of dissolved oxygen vital to plants and fish; cure Ich, Fungus, Tailrot without harming aquarium plants, and to cause fish to spawn faster, grow larger, and stay healthier.

**Vita-San**—Small Size ½ ounce ..... **50c**

**Vita-San**—Large Size 2 ounces ..... **\$1.00**

**Vita-San**—Economy Size 9 ounces ..... **\$3.00**

**Perlia**—Nature's way of conditioning water. Removes chlorine and chloramine instantly from city faucet water. Prevents algae (green water), purifies aquarium water making fish and plants grow faster and stronger.

**Perlia**—Small Size Disc—for one gallon ..... **20c**

**Perlia**—Medium Size Disc—for 3 to 5 gallons ..... **35c**

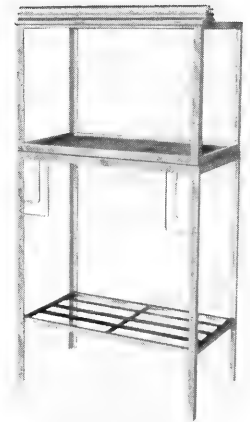
**Perlia**—Large Size Disc—for 12 to 20 gallons ..... **75c**



# ... AQUARIUMS ...

## All Aquarium Prices Include Packing Charges

All Aquariums are shipped via Railway Express—shipping charges collect. If aquariums arrive damaged or broken get a Bad Order Report from your Express Agent or Deliveryman. If your aquarium arrives damaged or broken and you have obtained this Bad Order Report we can send you another aquarium free of charge. Do not return broken aquarium to us. Mail us a copy of your Bad Order Report so that we can file claim and make immediate replacement.



## STAINLESS STEEL AQUARIUMS

These aquariums are made from the finest glass and metal frames available. Because of this deluxe construction exceptional care is taken to be sure that all corners are mitered. Extra heavy slate bottoms are used in all larger sizes and the frames are double welded for added strength. Highly polished, these durable stainless steel aquariums will last for years, a fitting show piece in any room. When aqua-scaped they will add much to any decorative scheme. Prices as listed do not include gravel guard or gravel as illustrated.

### STAINLESS STEEL AQUARIUMS

No.	AC	Width	Length	Height	Capacity	Price
No. AC 2	6	10	8		2 gal.	\$3.00
AC 3	7	12	9		3 gal.	3.95
AC 5	8	14	10		5 gal.	4.95
AC 6	8	16	10		5½ gal.	5.50
AC 8	9	18	11		8 gal.	7.95
AC 10	10	20	12		10 gal.	8.95
AC 11	8	24	12		10 gal.	11.50
AC 12	8	24	14		12 gal.	13.00
AC 13	10	20	14		12 gal.	11.50
AC 15	12	24	12		15 gal.	12.25
AC 17	12	24	14		17 gal.	16.50
AC 20	12	24	16		20 gal.	18.00
AC 21	12	30	12		20 gal.	20.00
AC 23	12	30	14		23 gal.	23.00
AC 26	12	30	16		26 gal.	23.75
AC 29	12	30	18		29 gal.	32.50
AC 30	12	36	16		30 gal.	42.00
AC 34	12	36	18		34 gal.	56.00
AC 50	18	36	18		50 gal.	72.50
* AC 75	12	48	20		50 gal.	104.00

## BETTA DISPLAY TANKS

These glass partitioned Betta display tanks are made from the same highly polished, sturdy stainless steel as our deluxe aquariums as listed above. This deluxe construction includes extra clear vision glass throughout and heavy slate bottoms. The glass dividers are removable which makes these tanks very versatile; beautiful as Betta displays, equally attractive over a mantel, on a window sill or narrow shelf top.

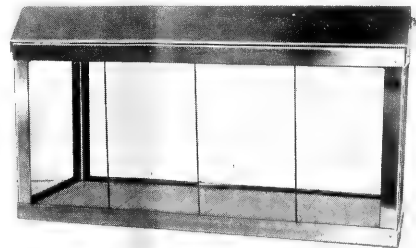
BETTA DISPLAY TANKS	REFLECTOR HOODS
AC 104 4 Compartments 6" W. 18" L. 8" H. .... \$8.95	18" Hood to fit AC 104 ... \$9.00
AC 105 5 Compartments 6" W. 20" L. 8" H. .... 9.75	20" Hood to fit AC 105 ..... 9.75
AC 106 6 Compartments 6" W. 24" L. 8" H. .... 10.50	24" Hood to fit AC 106 .... 10.50
AC 107 7 Compartments 7" W. 30" L. 10" H. .... 17.50	30" Hood to fit AC 107 ..... 14.25

## AQUARIUM STANDS

ALL STANDS ARE 30 INCHES HIGH

Artistically made from sturdy wrought iron these stands are attractive in any room. Sturdy enough to support the aquarium it was designed to fit. Bottom shelf will accommodate a second aquarium smaller than the one on the top. Silver grey color on all.

Length	Width	To Fit	Price
14	8	AC 5	\$ 9.00
16	8	AC 6	9.25
18	9	AC 8	9.75
20	10	AC 10-13-14	11.00
24	8	AC 11-12	12.00
24	12	AC 15-17-20	12.75
30	12	AC 21-23-26-29	13.75
36	12	AC 30-34	16.50
36	18	AC 50	19.50
48	12	AC 75	29.50



## Stainless Steel Holders for Top Glass Covers

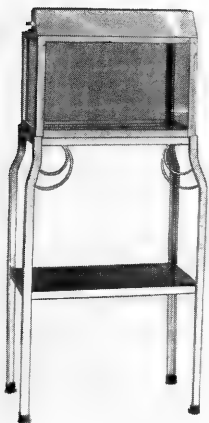
Fit snugly on edge of aquarium and supports glass cover just inside aquarium frame. Handles for top glass.

3 inch size	Per Pair	\$1.00
4 inch size	Per Pair	1.60
5 inch size	Per Pair	2.00
6 inch size	Per Pair	2.25

All dimensions on above aquariums are inside measurements.  
\*AC 75—Frame is angle iron for added rigidity.

Aquariums No. AC 23 through AC 75 are packed in wooden crates for added safety in shipment.

SEE PAGE 15 FOR COMPLETE AQUARIUM COLLECTIONS.  
For beginner or expert aquarist these collections offer you everything you need at a savings.



# ... AQUARIUMS ...

## GREY HAMMERLOID FINISH AQUARIUMS

These galvanized metal aquariums with their beautiful Grey Hammerloid Finish are sure to please those who prefer a glass bottom aquarium. Sturdily built, these aquariums will provide years of pleasure and beauty in your home. GC 2-3 are made with legs on the bottom. The NO. 1 Style Grey Hammerloid Finish reflectors are made from the same galvanized metal and are custom designed to fit properly on the aquariums. The graceful angle iron stands as shown in the illustration have the same Grey Hammerloid finish and are complete with rubber coasters to prevent marring floor surfaces. The flanged legs of this stand allow an aquarium of the same size to fit the bottom and top shelf. All stands are 30" high.

Number	Capacity	Width	Length	Height	Price
GC 2	2½ gal.	6"	14"	6"	\$2.75
GC 3	3½ gal.	6"	16"	8"	3.45
GC 5	5½ gal.	8"	16"	10"	4.50
GC 10	10 gal.	10"	20"	12"	8.00
GC 11	10 gal.	8"	24"	12"	8.00

## GREY HAMMERLOID FINISH AQUARIUM STANDS

8"x16"—To fit GC 5 — GB 5 — AC 6 .....	\$9.00
10"x20"—To fit GC 10 — GB 10 — AC 10-13-14 .....	9.95



## GREY SETS — Complete in One Package

All in one package, at a "SPECIAL LOW PRICE" here is a Grey Aquarium, with matching stand, and reflector.

**ASR 11 SET**—A 10 gal. aquarium that measures 8"x24"Lx12"W—Stand to fit and 24" Grey Hammerloid Finish Reflector. COMPLETE \$22.00.

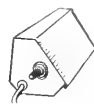
**ASR 5 SET**—A GC 5 Aquarium—Grey Hammerloid Finish Reflector—and matching stand. COMPLETE \$14.50.

## GREEN FINISH AQUARIUMS

Attractively finished in a beautiful Tropical Green color, these galvanized metal aquariums are precision built with reinforced corners and heavy slate bottoms. The NO. 4 Style Green Finish reflector is made from the same durable galvanized steel and is custom designed to insure fit and proper lighting control. All dimensions listed are inside measurements, all prices include packing.

Number	Capacity	Width	Length	Height	Price
GB 3	3 gal.	7"	12"	9"	3.25
GB 5	5½ gal.	8"	16"	10"	4.50
GB 10	10 gal.	10"	20"	12"	6.95
GB 15	15 gal.	12"	24"	12"	9.00

## AQUARIUM REFLECTORS



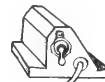
NO. 1



NO. 4



NO. 2



NO. 3



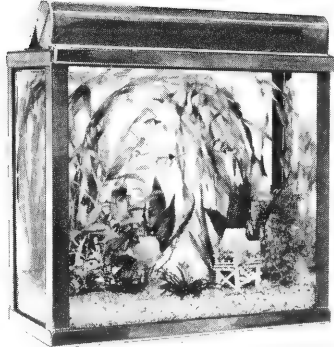
NO. 5

Size	LOW PRICE AQUARIUM REFLECTORS			Size	DELUXE AQUARIUM REFLECTORS	
	Grey Finish No. 1 Style	Green Finish No. 4 Style	Economy S. S. No. 2 Style		Deluxe S. S. No. 3 Style	Fluorescent S. S. No. 5 Style
10 inch	.....	\$2.60	\$4.50	10 inch	.....	.....
12 inch	.....	2.75	4.75	12 inch	.....	.....
14 inch	\$3.00	2.95	4.95	14 inch	\$6.25	.....
16 inch	3.25	3.50	5.25	16 inch	6.50	.....
18 inch	.....	.....	5.75	18 inch	7.50	\$13.25
20 inch	4.50	4.00	6.75	20 inch	7.75	13.95
24 inch	5.00	5.00	7.00	24 inch	8.25	14.95
30 inch	.....	.....	8.00	30 inch	9.00	15.95
36 inch	.....	.....	.....	36 inch	12.00	19.00
48 inch	.....	.....	.....	48 inch	.....	40.00

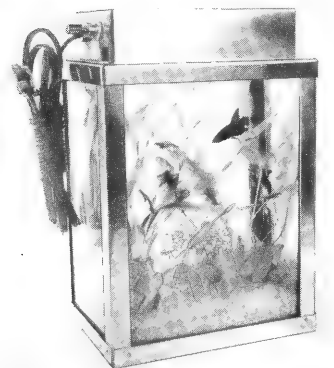
## AQUARIUM REFLECTORS

Aquarium plants require from 8 to 10 hours of good light every day. Aquarium reflectors are essential where natural light is not sufficient for plant growth. Plants will grow equally as well under artificial light which may be substituted entirely for natural sunlight. NOTE: Only No. 5 Style Stainless Steel Reflector comes equipped with bulbs. All other reflectors, order bulbs separately.  
**REFLECTOR BULBS**—6" long—25 watt..... each 35c

**SAFETY FIRST**—Never move an aquarium without first removing all the water. No matter how well constructed the aquarium may be the heavy weight of the water can easily twist the frame and cause the aquarium to leak.



AW 4



AW 2 and AW 3



AW 1

## WEE AQUARIUMS

Below are listed four smaller size aquariums that can be safely shipped to you through the mails. These aquariums are well made from the same stainless steel and deluxe extra clear vision glass as our Stainless Steel Aquariums on page 12. These Wee Aquariums serve many purposes; ideal for Betta display tanks; book ends; as a night light in the nursery; or merely to provide a "decorators touch" in a small nook or corner anywhere in the home or office.

### WINDOW SILL AQUARIUM

(Illustrated upper left) A small, narrow aquarium designed to fit on a shelf, mantle piece, or window sill. 2½ gallon capacity, this tank is 11" high, 12" long, 5" wide.

AW 4—Aquarium and Reflector .....	\$9.00
AW 4—Aquarium Only .....	4.25
AW 4—Special Reflector .....	4.95

**AW 4 DELUXE PLANT COLLECTION**—(As illustrated) Corkscrew Valisneria, Hygrophila, Ambulia, Cryptocoryne Cordatta, Dwarf Aquarium Lily, Junior Amazon Sword Plant, and Sagittaria Microfolia all for only **\$1.95.**

**COMPLETE WINDOW SILL AQUARIUM COLLECTION**—AW 4 Aquarium, Reflector, Bulb, AW 4 Deluxe Plant Collection, Small Water Hut and decorative Rock, Aquarium Gravel—**COMPLETE COLLECTION ONLY \$11.95.**

### UPRIGHT WEE AQUARIUMS

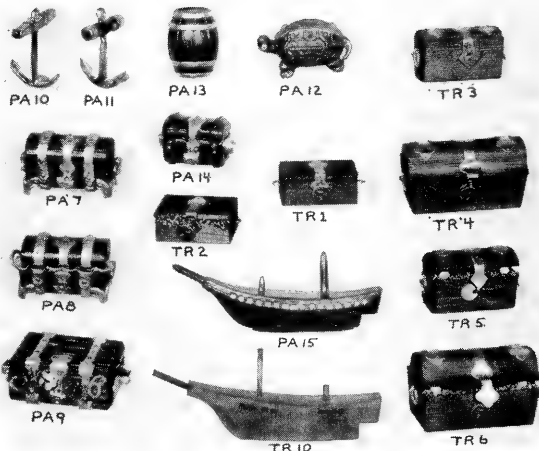
Here are two sizes that make wonderful bases for lamps or book ends. Satin smooth stainless steel frame and hood. Height of both AW 2 and AW 3 includes the hood.

AW 3—12¾" high, 8¼" long, 5¼" wide—2 gallon capacity	
AW 3 AQUARIUM AND HOOD .....	\$7.75
AW 2—10" high, 6¼" long, 4½" wide—1 gallon capacity	
AW 2 AQUARIUM AND HOOD .....	\$5.25

### THE WEE AQUARIUM

Almost a miniature—tiny, yet complete and practical. Stainless Steel Aquarium and Hood. A wonderful gift for someone in the hospital, use it as a TV light atop your television set. A delightful underwater scene can be created in miniature, doubly attractive when colored gravel is used in the bottom.

AW 1—8" long, 4" wide, 6" high—1 gallon capacity.	
AW 1 AQUARIUM AND HOOD .....	\$5.25
AW 2 PLANT COLLECTION.—Here is another deluxe collection of fine aquatic plants especially selected for these smaller size aquariums. Includes Corkscrew Valisneria, Hygrophila, Ambulia, Dwarf Aquarium Lily, Cryptocoryne Willissii and Dwarf Sagittaria—All for only <b>\$1.25.</b>	



### REALISTIC AQUARIUM ORNAMENTS

PA 10—Lead anchor 2¼" long .....	each	30c
PA 11—Lead anchor—painted cross bar—2¼" long .....	each	35c
PA 7—Painted metal closed top treasure chest .....	each	55c
PA 8—Painted metal coin chest .....	each	95c
PA 9—Painted metal jeweled chest .....	each	\$1.05
PA 13—Barrel—1½" .....	each	50c
PA 14—Treasure Chest .....	each	50c
TR 2—Flat jeweled chest .....	each	45c
PA 12—Painted metal turtle .....	each	50c
TR 1—Small Treasure Chest—flat top .....	each	40c
PA 15—Sunken Galleon—painted metal 5½" long .....	each	65c
TR 10—Sunken Galleon—wood 5½" long .....	each	75c
TR 3—Closed Treasure Chest .....	each	65c
TR 4—Large Treasure Chest .....	each	85c
TR 5—Jeweled Chest .....	each	75c
TR 6—Large Jeweled Chest .....	each	\$1.00

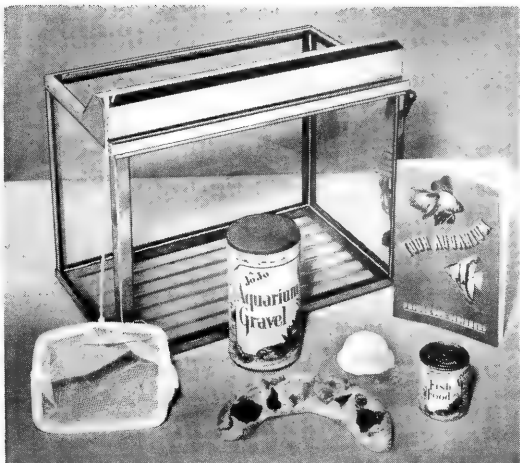
### AQUA-MIST "WATERFALL" AIR RELEASER



The Aqua-Mist is a lead weighted, pliable, clear plastic strip, perforated the entire length so that streams of air bubbles erupt from the bottom of the aquarium in an unusual cascading water fall effect. Three sizes:

AQUA-MIST AERATOR—11" Long .....	\$1.25
AQUA-MIST AERATOR—19" Long .....	1.35
AQUA-MIST AERATOR—28" Long .....	1.95





# COMPLETE AQUARIUM COLLECTIONS

For beginner or expert aquarist, you will find real money saving value in these Complete Collections—all you need to set up and maintain a beautiful aquarium. ALL COMPLETE AQUARIUM COLLECTIONS SHIPPED ONLY VIA RAILWAY EXPRESS CHARGES COLLECT.

## 15 GALLON AQUARIUM COLLECTION

**COL. NO. CA 115**—A collection suited to either beginner or advanced aquarist at a "money saving" price. Here's what it includes: A 15 gallon Stainless Steel Aquarium No. AC 15 with a beautiful selection of aquatic plants COL. A 5; COL. S 10 Snails and Scavengers to help keep it clean. 25 pounds of JO-JO Aquarium Gravel and a Gravel Guard to set it up and aqua-scape it. And to start you off on the right track we include a book for beginners, a net, Fish Food, Water Rite Tablets, and a Bottle of Remedy.  
PRICE COMPLETE **\$19.00**

**COL. NO. CA 15**—All the plants, snails, and accessories as listed in COL. CA 115 without the aquarium. PRICE **\$6.95**

## 10 GALLON AQUARIUM COLLECTION

**COL. NO. CA 110**—A nice size for anyone—You receive a 10 gallon stainless steel aquarium NO. AC 10, 15 pounds JO-JO Aquarium Gravel and a handmade natural looking Gravel Guard designed especially for this 10 gallon size aquarium. Col. A 4 Aquatic Plants include enough oxygenating and decorative plants to complete a beautiful underwater planting. Col. S 10 Snails provides enough scavengers to help keep it clean and consume excess fish food. Water Rite Tablets, a book, net, Fish Food, and a bottle of Remedy fill out this package.  
PRICE COMPLETE **\$14.75**

**COL. NO. CA 10**—All of CA 110 without the aquarium.  
PRICE **\$5.95**

## DELUXE AQUARIUM COLLECTIONS

Here's "everything" to make your hobby more enjoyable and your fish easier to care for—everything you need to set up your aquarium—heat it, aeration and filter included. For those of you who want to start out complete—look to these collections.

**DELUXE COLLECTION NO. CA 115**—This collection includes all of COL. CA 115 as described above plus a 75 watt heater and Thermostat Combination, 24" No. 2 Stainless Steel Reflector with bulbs, and Collection No. 85 A Air Pump and Filter Collection.  
SPECIAL LOW PRICE COMPLETE **\$46.00**

**DELUXE COLLECTION NO. CA 100**—This collection consists of the 10 gallon aquarium collection NO. CA 100 as described, plus a 40 watt Combination Heater and Thermostat—a 20" No. 2 Stainless Steel Reflector with bulbs, and Collection No. 85 A Air Pumps and Filter Collection.  
SPECIAL LOW PRICE COMPLETE **\$37.00**

## 5 GALLON AQUARIUM COLLECTION

**COL. NO. CA 150**—Here is a real "starter package" for everyone. If you haven't had fish before and you want to start out in a modest way we suggest this collection as an adequate beginning. Or if you have other aquariums and you are looking for a "breeding or isolation tank"—this is it. A big value at a low price. Our 5 gallon Stainless Steel Aquarium NO. AC 5 comes to you with 5 pounds JO-JO Aquarium Gravel and a handmade Loveland Gravel Guard. The right amount of plants COL. A 2 with 6 assorted snails. A beginner's book, Water Rite Tablets, a Net, Fish Food, and a bottle of Remedy. All are included in this special low price.  
PRICE COMPLETE **\$8.45**

**COL. NO. CA 5**—All of CA 150 without the aquarium.  
PRICE **\$3.75**

## AIR PUMP AND FILTER COLLECTIONS

Complete in every respect; these collections contain all the equipment you need to aerate and filter an aquarium up to 20 gallons. Each collection bears its own special price tag; specially priced to save you money. Order one of these collections and see how much more pleasure your hobby gives you as a result of time and effort saved in keeping your aquariums sparkling clean.

ALL AIR PUMP AND FILTER COLLECTIONS SHIPPED VIA PARCEL POST.

**COLLECTION NO. 85 A—AIR PUMP AND FILTER COLLECTION**—Included in this bargain package is a Saxon Air Pump, Saxon Pump Hanger, 1—2 way and 1—3 way air valve, 5 ft. plastic air line tubing, 1 Air Stone Air Releaser, and a Gro-Wel Outside Molded Plastic Aquarium Filter complete with charcoal and glass wool.  
SPECIAL LOW PRICE **\$15.95**

**COLLECTION NO. 85 B—WIL-NE'S AIR PUMP AND FILTER COMBINATION**—Consists of Wil-Nes Monarch 99 Air Pump, Wil-Nes Inside Filter complete with glass wool, 5 ft. plastic air-line tubing. This is a low priced aerating package for those who prefer an inside filter for their aquarium.  
SPECIAL LOW PRICE **\$11.95**

**COLLECTION NO. 85 C—ANGEL-AERATOR COMBINATION**—Here is another "Low-Priced" filter-air pump package; Angel Streamline Aerator with No. 574 A—Small Inside Bottom Filterator; 6 ft. Plastic Air Line and 1—3 way valve. Complete with charcoal and glass wool.  
SPECIAL LOW PRICE **\$10.50**

AIR PUMP AND FILTER COLLECTIONS SHIPPED VIA PARCEL POST.





**YOUR AQUARIUM** by William T. Innes—This attractively illustrated booklet is practically a must for beginners. 32 pages packed with practical information on aquarium management and care of fish. Price **30c**

**EXOTIC AQUARIUM FISHES** by William T. Innes. This new 500 page book with color plates and black and white illustrations is one that everyone interested in aquarium fishes should own. Maps showing world distribution. Pages devoted to Plants, diseases, enemies, scavengers, etc. New edition. Price **\$7.50**

**GOLDFISH VARIETIES AND WATER GARDENS**—by Wm. T. Innes. Thoroughly covers care and breeding of Goldfish and many native fishes; growing and raising of Water Lilies and Water Garden Plants; pool construction and care. 500 pages, beautifully illustrated. Price **\$5.50**

**AQUARIUM HIGHLIGHTS**—by Wm. T. Innes. Over 500 pages of the best in entertaining and informative articles about "Things Aquatic." A compilation of the best articles published in the Aquarium Magazine. Many illustrations—a source of detailed information—well written and complete. Price **\$5.50**

**10001 QUESTIONS AND ANSWERS** by Mellen and Lanier—Here is a complete and informative book in concise question and answer form about tropical fish. Complete and well illustrated. Price **\$3.75**

**THE TROPICAL FISH HOBBY**—Walter Rogers, a new 154 page book about the hobby. Well illustrated, entertainingly written, and informative. Illustrates and describes many of the latest imported species of fish. Price **\$2.00**

**TROPICAL FISH**—by Lucille Mann—a very interesting little book. Complete descriptions of fish and other important information. 110 pages complete with illustrations. Price **60c**

**GOLDFISH HANDBOOK**—A small but very interesting book. About the popular variety of fish. Price **25c**

**TROPICAL FISH AS A HOBBY** by Herbert R. Axelford. A guide to care, selection, and breeding of Tropical Fish. This brand new book is very well illustrated and easily read. Interesting and informative. Price **\$4.00**

**CATALOGUE OF FRESH WATER FISHES** by Hervey and Hems—This fine book contains information on more than 500 species of fish; one of the finest books ever written. Printed in England with many color plates and hundreds of illustrations. Price **\$8.50**

**ALL ABOUT GUPPIES** by Leon F. Whitney, D. V. M.—116 pages, profusely illustrated, 3 pages with exquisite life size, full color drawings of male and female guppies. This book does what its name implies—it tells you "all about Guppies." The information given are the secrets of the experts. Price **\$1.50**

**ENJOY YOUR GOLDFISH** by Douglas V. Putnam—A practical guide to the care of your goldfish. Feeding, ailments, plant life, accessories. Goldfish as decoration. How to build an outdoor fish pool. Price **45c**

**AQUARIUMS**, by Anthony Evans—115 pages with 115 illustrations, actual photographs and line drawings. An authoritative and detailed book which is packed with information of Tropical Fish, Aquariums, Plants, Goldfish and Outdoor Pools. Complete in every detail, this small book contains more helpful information than any other book its size. Price **60c**

**TROPICAL FISH GUIDE**—Here is a wonderful little book for beginners; modern and up to date information and illustrations. All illustrations are exceptionally well done and clear; information contained in this book is practical and sensible. 32 pages of helpful instructions for beginning aquarists. Price **30c**



# Foods and Remedies

Tried, tested, and approved, these scientifically prepared foods and remedies provide all that is necessary to sustain the life and health of the fish in your aquariums. The highly nutritious ingredients used in these foods produce stronger and more colorful fish. The carefully compounded remedies and tonics contain the latest laboratory and aquarium tested pharmaceuticals to add to the life and vitality of your fish as well as to cure any ailments which may occur. Fish, like other pets enjoy a varied diet; order a variety of foods for alternate feedings. First aid is equally important, always keep on hand remedies for Ich and Fungus for the time when you may need it.

## JO-JO FISH FOODS

Tropical Fish Food	per can	20c
Bulk	per pound	\$1.50
Brine Shrimp Eggs	per bottle	50c
Bulk	per pint	\$7.50

Goldfish Food	per can	15c
Turtle Food	per pound	\$2.00
JO-JO Outdoor Fish Food	10 oz.	45c

## LONGLIFE FISH FOODS

Regular Tropical Fish Food— Fine, Medium, Coarse	per can	25c
Small Size Cans—Regular Fine, Medium, Coarse	per can	15c
Condition Food— Fine, Medium, Coarse	per can	35c
Micrograin—Baby Fish Food	per can	25c

Dried Daphnia	per can	20c
Salmon Eggs	per can	15c
Shrimp Meal	per can	15c
Corn Meal	per can	15c
Clam Meal	per can	15c
Treats—Aureomycin supplement	45c	
Turtle Food	per can	20c
Goldfish Food	per can	20c

## LONGLIFE BULK FISH FOODS

Regular Tropical Fish Foods— Fine, Medium, Coarse	per pound	\$2.50
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Conditioning Food— Fine, Medium, Coarse	per pound	\$3.50
Micrograin—Baby Food	per pound	\$3.50

## GRO-WEL FISH FOODS

Finnny Dinner— Fine, Medium, Coarse	per can	25c
Finnny Dinner Shrimp Meat	per can	25c
Gro-Wel Brine Shrimp Eggs	per can	50c
Gro-Wel Food for Brine Shrimp	per can	25c
Finnny Dinner Salmon Eggs	per can	25c
Gro-Wel Vitamin Tablets	per can	25c

## BAUSMAN FISH FOODS

Mollie Food—a specially prepared fish food for Mollies	per can	25c
Mollie Food—bulk	per pound package	\$1.75
Mirakel Infusoria Tablets—microscopic organisms to feed newly hatched baby fish per box of 25 tablets	25c	
Infusoria Powder—3 ounce can—easy to use	25c	

## PEEKSKILL FISH FOODS

Here is an amazing new fish food that is the answer to the "live food problem" of many hobbyists. Scientifically prepared, these "cooked fish food formulas" will correct food deficiencies and resultant problems in your fish. Three separate formulas—Formula A—LIVER, Formula B—FISH, Formula C—SPINACH—all three have Vitamin B-12 and Aureomycin added.

**SPECIFY FORMULAS DESIRED WHEN ORDERING.**  
 1/2 ounce jars—20c each; 1 ounce jars—35c each  
 3 ounce jars—60c each

## TROPICALA

Tropicala is a "time tested" food that has been a favorite of aquarists for many years; accepted as the finest food of its type it is composed chiefly of dried insects, mosquito larvae, daphnia and other nutritious ingredients that will give your fish a welcome change of diet. Specify grade when ordering—FINE — MEDIUM — COARSE — 25c per can.

## REMEDIES

### LONGLIFE PRODUCTS

Aqua-Aid	1 oz. bottles	25c
	4 oz. bottles	1.00
	Pint bottles	2.75
	Quart bottles	5.00
Germicide & Plant Builder	per can	30c
Ich & Fungus Tablets	per can	30c
Ich Tabs for Ich & Velvet	per can	35c
Vita Mineral Health Shell	per can	25c
Vitamin Tablets	per can	25c
Aquarium Plant Food	1 ounce	35c
	4 ounce bottles	\$1.00

### REMEDIES & TONICS

Nasco Remedy	2 ounce bottle	45c
Medicure—sure cure for Ich	per can	50c
Bausman's Tonic—for gold & tropical fish	per can	35c
Paratomic	per can	15c
Pararemedy	per can	15c
Brinds Antigerm & Plantgro	per can	35c
Medicated Water Neutralizers	per can	10c
	3 for	25c
Gro-Wel Sea Salt	per pound	25c

## WATER RITE TABLETS

**DON'T TAKE CHANCES—USE WATER RITE—MAKES TAP WATER INSTANTLY SAFE—ELIMINATES ALL TRACES OF CHLORINE—FOR TROPICAL FISH AND GOLDFISH.**

4 Tablet Vial—treats 4 gal.	15c
12 Tablet Vial—treats 12 gal.	35c
35 Tablet Bottle—treats 35 gal.	75c
4 oz. Powder—in jar—treats 250 gal.	\$1.00
1 lb. Powder—in jar—treats 1000 gal.	3.25

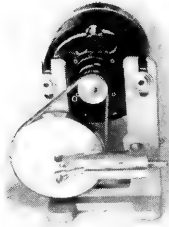
## LIVE FOODS

**BRINE SHRIMP EGGS**—Highest quality domestic Brine Shrimp Eggs—easily hatched, will keep indefinitely, an excellent food for all fish. 50c per bottle; per pint \$7.50

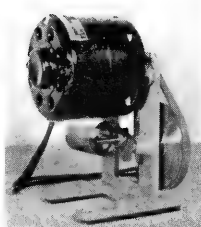
**WHITE WORMS**—(Enchytrae) Easy to raise, can be kept with the year round if raised in a cool place in a box filled with moist leafmold and soil. Large culture with complete directions for feeding and care. **\$1.00**

**MICROWORMS**—A wonderful live food for babies and other small mouthed fish. Easily grown in a cereal-yeast medium. Cultures shipped in glass container with complete directions; easily kept the year round. Per culture **\$1.00**

# AIR PUMPS



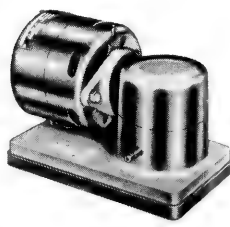
MARVEL AIRFLOW PUMP



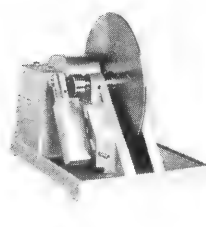
PRESSURE GAUGE



NEPTUNE ROTAERATOR



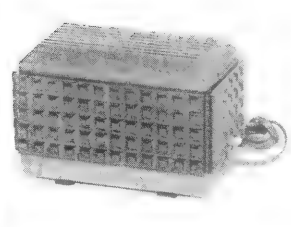
MARCO AIR PUMPS



THIBERG



WHITE MIST



**MARVEL AIRFLOW PUMP**—The mighty midget of aeration. A small powerful pump built to give years of dependable service. Noiseless, self cooling motor operates a "push-pull" type piston that can be regulated to individual aeration requirements. Guaranteed against defects in material and workmanship.

Model A—will operate 3 filters or 3 releasers. Price **\$20.85**  
 Model B—will operate 6 filters or 6 releasers. Price **28.35**  
 Model C—will operate 12 filters or 12 releasers. Price **33.85**

NOTE: MODEL B AND C COME EQUIPPED WITH PRESSURE GAUGE

**PRESSURE GAUGE**—A pressure indicator and equalizer. Operates with any type air pump. Visible pressure gauge protects any pump against harmful use. Assures uniformity of air pressure and acts as a dirt trap. Price **\$5.85**.

**REPLACEMENT PARTS FOR MARVEL AIRFLOW PUMPS**  
 Extra Leather Belts (specify pump model) ..... Each **75c**  
 Extra Cylinder Washers for Models A, B & C ..... Each **50c**  
 Flutter Valves ..... Each **50c**

**NEPTUNE ROTAERATOR**—The Rotaerator has sufficient air output to supply 4 filters and/or 6 air releasers—self starting—built in air filter—brushless motor—requires oiling in only three places—every three months—operates on 110-120 Volt A.C. Current. Guaranteed by Manufacturer for 1 year. Dimensions 5¼" in length, 4¼" in height, 3½" in width. Price **\$22.50**.

**KING SIZE NEPTUNE ROTAERATOR**—The most powerful air pump now on the market at any price. 1/70 H.P.—225 cubic inch capacity. Operates on 110-120 volt AC current. Guaranteed by manufacturer for 1 year. Dimensions 5¾ inches in length, 4¼ inches in height, 3½ inches in width. Price **\$32.00**.

**SAXON AIR PUMP HANGER**—Made of thick rust proof aluminum with sponge rubber pads to absorb noise and vibration. Fits all tanks up to ¾" frame—will hold any of the smaller type air pumps. Complete with screws to mount 2 air line valves. Price **\$1.00**.

**MARCO AIR PUMPS**—Marco pumps are especially designed for use in the home aquarium. Reliable, economical, noiseless and trouble-free. A well built, sturdy piston type air pump that will give years of service under continuous operation.

Model A—for 3 releasers ..... Price **\$27.50**  
 Model B—for 6 releasers ..... Price **33.00**  
 Model B2—for 12 releasers ..... Price **38.50**

**THIBERG AIR PUMP**—A small compact air pump in an attractive ivory colored case. Powerful enough to operate a filter and one air releaser simultaneously, economical operation—guaranteed for one year. Simple to operate, requires no oil, control knob on top of pump regulates amount of air. 4½ inches high, 3 inches in diameter at base. Price **\$10.00**.

**WHITE MIST AIR PUMP—MODEL NO. 20**—Beautifully finished in a decorative two tone carved wood case 6½ inches long, 3½ inches wide, 4 inches high. Noiseless, smooth operating and powerful, this pump will operate a filter and air releaser. Requires no oiling, guaranteed for one year by the manufacturer. Price **\$14.50**.

**WHITE MIST AIR PUMP—MODEL NO. 50**—A larger capacity air pump in the same small decorative wood case. Used for years by research laboratories, Army, Navy, schools, hospitals. Guaranteed for one year—enough air for three to six outlets. Price **\$17.50**.

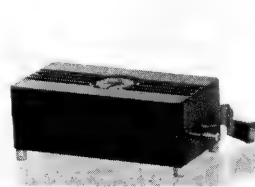
**SAXON AIR PUMP**—As powerful as it is small—only 3½" long x 2½" wide x 2" high, beautiful molded black and ivory bakelite case. Will operate with ease, one filter and four air stones. Electrical consumption—2 watts 110-120 volts A.C. Control knob on top permits regulation of air flow, economical, dependable aeration at an exceptionally low price. Price **\$8.95**.

One year written guarantee.

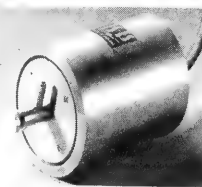
**WILNES MONARCH 99 AIR PUMP**—Here is a new, low priced aquarium areator. Attractive green plastic case, 4" long, 2¾" wide, 3" high, the Monarch 99 will adequately operate one filter and one air releaser. Equipped with metal hanger so that pump can be hung inconspicuously on side or rear of aquarium. Fully guaranteed for one year. Price **\$9.95**.

**ES-ES AIR PUMP**—(Made in England) Here is the best of the imported pumps we have seen. Requires no oiling, no moving parts or diaphragm to wear, silent in operation. High performance—powerful in operation—will supply sufficient air for two to three aquariums. 3" long, 3" in diameter—black bakelite case with outside control valve. Unconditionally guaranteed for one year. Price **\$13.50**.

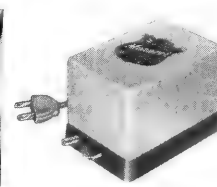
**ANGEL AIR PUMP**—(Made in England) Here is another precision made, vibrator type air pump. Small and compact black plastic case, 4½ inches long, 2¾ inches wide, 1¾ inches high. Will operate two outlets (filters or releasers), requires no oiling. Guaranteed for six months. Exceptionally low priced—**ONLY \$7.50**.



ANGEL AIR PUMP



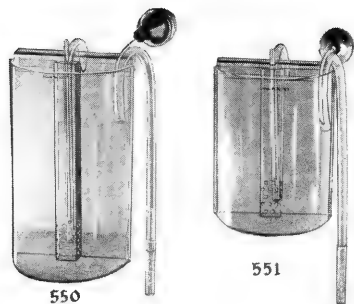
ES-ES AIR PUMP



WILNES MONARCH 99

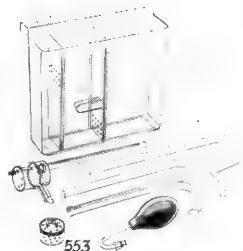


SAXON AIR PUMP



550

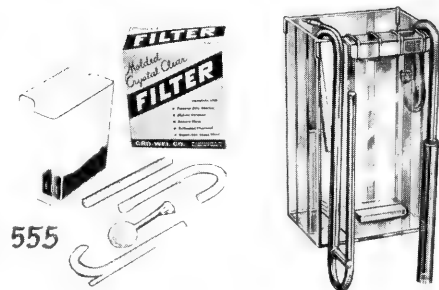
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## OUTSIDE FILTERS

**550 OUTSIDE PLASTIC FILTER**—8½ inches high—5 inches long—¾ inches wide. Made from unbreakable plastic. Complete with intake and outlet stems, rubber ball starter, charcoal and glass wool. Price **\$5.50**.

**551 OUTSIDE PLASTIC FILTER**—Junior size—6 inches high—5 inches wide—¾ inches wide. Completely equipped for efficient filter operation. Charcoal and glass wool included. Price **\$4.50**.

**553 WIL-NES OUTSIDE FILTER**—One piece molded plastic construction with removable partitions for easy cleaning. 7" L., 6" H., 2" W. Even-flo airlift, siphon stems, and rubber ball starter. Price **\$4.00**—Complete with charcoal and glass wool **\$4.50**.

**WIL-NES EVEN-FLO AIRLIFT STEMS**—for Wil-Nes Inside or Outside Filters. New type airlift features even flow of water to tank. **85c** each. Strainer **15c**.

**554 NARROW OUTSIDE PLASTIC FILTER**—6 inches high, 5 inches wide, 2 inches deep—Separate compartments for glass wool and charcoal. Complete with intake and outlet stems, rubber ball starter, charcoal and glass wool. Price **\$3.50**.

**555 GRO-WEL SLIM JIM JR. OUTSIDE FILTER**—Designed to fit those narrow spaces—1¾"x5½"x6"—molded plastic construction, removable partition for easy cleaning. Complete in package, Filter with air lift siphon stem, jiffy starter, charcoal and glass wool. Price **\$3.95**.

**556 GRO-WEL SENIOR SLIM OUTSIDE FILTER**—Clear lucite construction—designed to fit those narrow spaces. 1¾" W x 7½" L x 6" H. Filter, air lift, siphon stem, and rubber ball starter. Price **\$5.85**. (Not illustrated).

**557 GRO-WEL REGULAR OUTSIDE FILTER**—2½"x4"x6" strong clear plastic, molded in one piece, with removable partition for easy cleaning. Complete in package, Filter with air lift, siphon stem, jiffy starter, charcoal and glass wool. Price **\$3.95**.

## SEPARATE STEMS FOR OUTSIDE FILTERS

**560 FILTER STEM SET** for 550 and 550 A or any 8" Outside Filter—Air Lift (Outlet Stem) and Siphon (Intake Stem). Per Set **\$1.50**.

**560-A AIR LIFT STEM** only—75c; **560-B SIPHON STEM** only—75c.

**561 FILTER STEM SET** for 551—554—555—556—may also be used for 553 or any 6" Outside Filter—Air Lift (Outlet Stem) and siphon (Intake Stem). **\$1.50** per Set.

**561-A AIRLIFT STEM** only—75c; **561-B SIPHON STEM** only—75c.

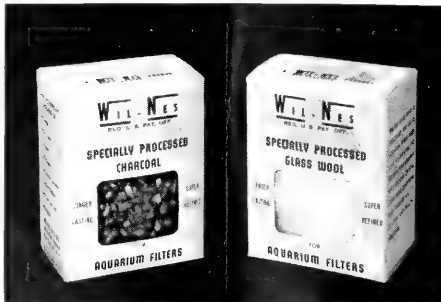
**STEMS** for No. 574—No. 575 Bottom Filters **\$1.00**.

**562-A FILTER CHARCOAL**—Pure animal bone charcoal—double activated, non-floating. Can be washed and re-used. Per Pound **45c**.

**562-B FIBER GLASS WOOL FOR FILTERS**—per portion 25c; per pound **\$1.75**.

**566 12-INCH PLASTIC STEM EXTENSION FOR FILTERS** 25c

**567 12-INCH RIGHT ANGLE STEM EXTENSION FOR FILTERS** 35c.



## COMPLETE SCATTERGOOD FILTERING OUTSIDE FILTERS

**NO. 24**—FILTERING with REGULAR SF AIRLIFT (33) and SF SELF-STARTING SIPHON (34)—**\$5.95**.

**NO. 25**—FILTERING with REGULAR SF AIRLIFT (33) and REVERSTART SIPHON (Non-Adjusting) (35)—**\$6.45**.

**NO. 26**—FILTERING with REGULAR SF AIRLIFT (33) and 16" SELF-ADJUSTING REVERSTART SIPHON (36)—**\$7.55**.

**NO. 27**—FILTERING with REGULAR AIRLIFT (33) and 24" SELF-ADJUSTING SIPHON (37)—**\$7.75**.

**NO. 28**—FILTERING with SUPERFLO AIRLIFT (7) and SF SELF-STARTING SIPHON (34)—**\$6.60**.

**NO. 29**—FILTERING with SUPERFLO AIRLIFT (7) and REVERSTART SIPHON (35) (Non-adjusting)—**\$6.80**.

**NO. 30**—FILTERING with SUPERFLO AIRLIFT (7) and 16" SELF-ADJUSTING REVERSTART SIPHON (36)—**\$7.95**.

**NO. 31**—FILTERING with SUPERFLO AIRLIFT (7) and 24" SELF-ADJUSTING SIPHON (37)—**\$8.10**.

**NO. 62**—HEAVY DUTY SUPERFLO AIRLIFT—(Not Illustrated) 22" long, this amazing new type airlift will move the water in your aquarium at the rate of 15 gallons per hour. **\$2.30** each.

**NO. 54**—FILTERING with HEAVY DUTY SUPERFLO AIRLIFT (62) and SF SELF-STARTING SIPHON (34)—**\$6.95**.

**NO. 55**—FILTERING with HEAVY DUTY SUPERFLO AIRLIFT (62) and REVERSTART SIPHON (35) (Non-adjusting)—**\$7.20**.

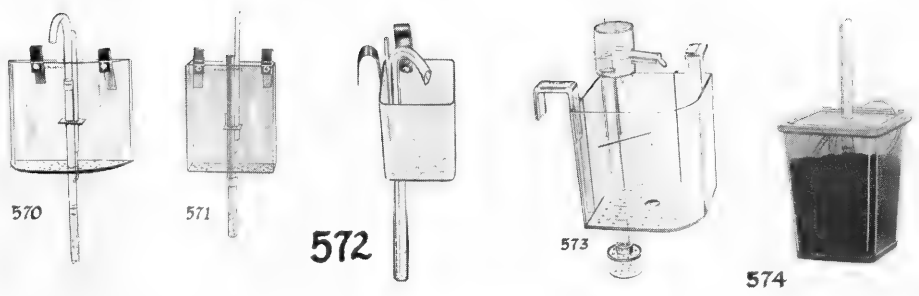
**NO. 56**—FILTERING with HEAVY DUTY SUPERFLO AIRLIFT (62) and 16" SELF-ADJUSTING REVERSTART SIPHON (36)—**\$8.35**.

**NO. 57**—FILTERING with HEAVY DUTY SUPERFLO AIRLIFT (62) and 24" SELF-ADJUSTING REVERSTART SIPHON (37)—**\$8.50**.

**NO. 61**—NIAGARA HEAVY DUTY FILTER—40" SUPERFLO AIRLIFT and REVERSTART SIPHON—Filters 80 gallons per hour. **\$33.95**.

# Why Aeration & Aquarium Filters?

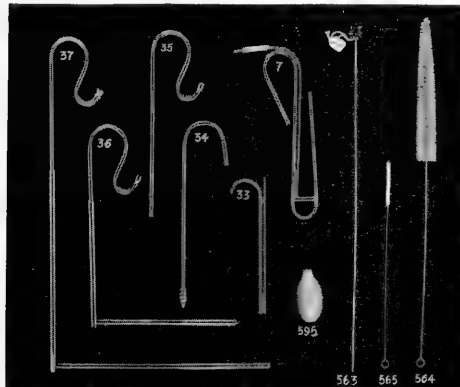
The most important factor in maintaining an aquarium is "proper balance." This proper balance is sure to be maintained when the water is aerated and filtered by means of mechanical circulation. Both aeration and filtration are dependent on air power for circulation. This air power is furnished by an electrically powered air pump. As the water in your aquarium is passed through an aquarium filter it is cleaned, all impurities and dirt are removed, and freshly aerated water is returned to the aquarium. This means that your aquarium will remain crystal clear; instead of cleaning your whole aquarium, only the filter tank needs cleaning. The fish in your aquarium will be healthier and more colorful, they will live longer, grow larger, and breed more prolifically. Depending on the size of the pump, more than one aquarium can be filtered and aerated with a single air pump. Connections are made with rubber or plastic tubing, and special valves for the air outlets.



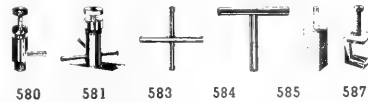
## SEPARATE SCATTERGOOD STEMS

For Use with Any Outside Filter

- NO. 7 SUPERFLO AIRLIFT**—The most efficient airlift made—uses only 1/6 the air of others, yet filters more water. Gives noiseless, smooth, air-saving performance. Fits any outside filter. **\$2.00** each.
- NO. 33 SF AIRLIFT**—An improved conventional type airlift—Fits any 8" Outside Filter. Not recommended when heater and thermostat are to be used in filter. **99c** each.
- NO. 34 SF SELF-STARTING SIPHON**—Starts instantly without using rubber bulb. Inexpensive and well made—**75c** each.
- NO. 35 REVERSTART (Non-adjusting) SIPHON**—Simpler, easier, starting, less likely to clog. **85c** each.
- NO. 36 16" SELF-ADJUSTING SIPHON**—Adjustable to a maximum depth of 16"—right angle extension increases the water circulation. **\$2.25** each.
- NO. 37 24" SELF-ADJUSTING SIPHON**—Adjustable to a maximum depth of 24"—**\$2.50** each.
- NO. 595 RUBBER BULB STARTER**—For use with any outside filter, specially made for use with SCATTERGOOD FILTERS. Price **40c**.



- NO. 563 SCACO FLEXI-BRUSH**—Cleans filter stems thoroughly and easily. Nylon brush mounted on 19" stainless steel spring. **65c**.
- NO. 565 AIR RETURN STEM CLEANING BRUSH**—Specially designed to fit into small stems—**25c** each.
- NO. 564 RIGID FILTER STEM BRUSH**—A good all purpose filter stem cleaning brush—**50c** each.
- COMPLETE FILTER STEM CLEANING BRUSH SET**—All three of above listed brushes—**\$1.25**.



- 580 AIR VALVE**—One outlet—1/8" Threaded ..... each **\$1.00**
- 581 THREE WAY AIR VALVE**—Brass ..... each **.75**
- 582 TWO WAY AIR ALVE**—Right or left, brass ..... each **.75**
- 583 BRASS X** ..... each **.35**
- 584 BRASS T** ..... each **.25**
- 585 AIR STONES**—finest quality ..... each **.35**
- 587 METAL CLAMPS FOR AIR LINE** ..... each **.35**
- 588 METAL AIR RELEASER** ..... each **.35**
- 589 HEAVY DUTY PLASTIC AIRLINE TUBING**—Will not rot, crimp, or kink—10c per foot; 25 feet for **\$2.25**.
- 590 LIGHT WEIGHT PLASTIC AIRLINE TUBING**—A lighter tubing to connect filters and fittings to air pump. **7c** per foot; 25 feet for **\$1.50**.
- 591 BLACK RUBBER AIRLINE TUBING**—Finest quality, highly flexible rubber tubing—**7c** per foot; 25 feet for **\$1.50**.
- 569 12-INCH PLASTIC EXTENSION STEM TO FIT AIR STONES** ..... **15c**
- 591 24-INCH PLASTIC EXTENSION STEM TO FIT AIR STONES** ..... **25c**

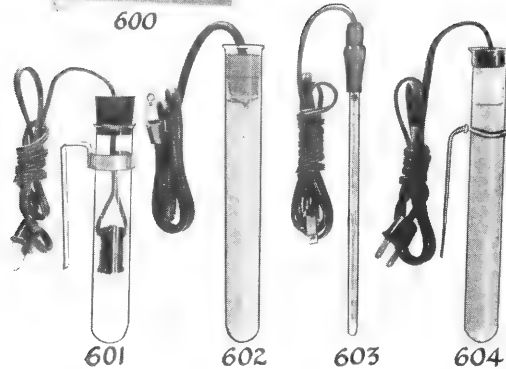
**GRO-WEL ROCK FILTERS**—This handsome molded plastic filter "looks like a rock—works like a charm." This decorative "Rock" is an efficient inside filter. You just fill it with glass wool, connect the air hose, put it in the aquarium and forget it—except to admire it. Details of construction and operation are clearly explained on the package. **PRICE \$3.75**.

## INSIDE FILTERS

- 570 PLASTIC INSIDE FILTER—HALF ROUND SHAPE**—Unbreakable plastic construction—4 inches high—4 1/2 inches long—3 1/4 inches wide. Complete with stem, aluminum hangers, glass wool. Fits inside the aquarium; all you do is attach the intake stem to hose from air pump. Price **\$2.50**.
- 571 NARROW INSIDE PLASTIC FILTER**—2 inches wide—3 inches long—4 inches high—a small compact inside filter that operates efficiently on a minimum amount of air. Aluminum hanger, stem and glass wool. Price **\$1.75**.
- 572 GRO-WEL INSIDE JUNIOR LUCITE FILTER**—2 1/2"x2 1/2"x3 1/2"—compact, efficient, fits snugly in corner, inside aquarium. Stainless Steel hangers, easily bent to fit any frame. Filter complete with glass wool. Price **\$2.50**.
- 573 WIL-NES INSIDE MOLDED PLASTIC INSIDE FILTER**—Filter is one piece molded plastic construction. Unique intake stem fitted to outside of filter causes a steady continuous flow of water through filter. 3 1/2 inches square, fits in corner of aquarium. Complete with glass wool. Price **\$2.00**.
- INSIDE BOTTOM FILTERATORS**—A brand new idea to circulate the water in your aquarium and filter it at the same time. Two sizes, No. 574 for tanks up to 10 gallons, No. 575 for larger tanks.
- No. 574**—Small—2 1/2"x2 1/2"x3" high ..... each **\$1.75**
- No. 574A**—Complete with Charcoal and Glass Wool **2.25**
- No. 575**—Large—3"x3"x4 1/2" high ..... each **\$2.00**
- No. 575A**—Complete with Charcoal and Glass Wool **2.50**
- FRENCH "INVISIBLE" FILTER-AERATOR**—A brand new principle in aquarium filters. This new type filter should be "buried" in the gravel in your aquarium; as the air is forced through the tube it creates a suction pulling the water and dirt through the gravel and actually destroys harmful bacteria found in the dirt and refuse. Never needs cleaning—uses no charcoal or glass wool, operates in any water depth.
- 5" size for aquariums  
2 to 5 gallons Price **\$2.25**
- 7" size for aquariums  
5 to 8 gallons Price **2.50**
- 9" size for aquariums  
10 to 15 gallons Price **2.75**
- 11" size for aquariums  
15 to 25 gallons Price **3.00**
- 14" size for aquariums  
25 to 50 gallons Price **3.50**



# HEATERS



## AQUARIUM HEATERS—as pictured above

**601—Chill Breaker**—A combination chill breaker heater, and aquarium light to heat and illuminate small tanks and bowls from 1 to 3 gallons. 6 watt bulb, low in operation cost. Comes with aluminum foil shade (not shown in picture) to control amount of light. Six inch glass tube; metal hanger. Price **\$1.65**

**602—Barrus Submergible Heater**—This type heater may be completely submerged and placed on the bottom of the aquarium. Absolutely water proof; sealed with live rubber; heavy duty waterproof cord 36 inches long allows heater to lie in horizontal position on bottom of aquarium where the water is the coldest to give all over heat distribution

A good heater and thermostat is a small expenditure that will more than pay for itself by the fish that didn't die. Since most aquarium fatalities are caused by temperature fluctuations, a heater in cold weather is practically a must. Automatically controlled heaters are perhaps the greatest benefit ever devised for the tropical aquarium. For a healthy aquarium the water should be maintained at a temperature of at least 70° F. For spawning egg layers or nursing sick fish the temperature should be gradually raised to 80° or 85° F.

**NOTE:** A heater without a thermostat is not automatic. It will operate continually as long as it is plugged in or the electricity turned on.

**All Heaters are guaranteed for one year—except against glass breakage.**

We recommend the following size heaters for your aquariums:

2 to 5 gallons Glo-Lite, 10 watt or 15 watt	15 to 20 gallons, 75 watts
5 to 10 gallons, 25 watts	20 to 30 gallons, 75 to 100 watts
10 to 15 gallons, 50 watts	30 gallons, 125 watts or more

We strongly advise using a thermostat and pilot light on all aquarium heaters; for safety and economy.

at maximum efficiency. Pyrex glass tubes. Specify wattage desired when ordering. Fully guaranteed for one year.

<b>602 A</b> —6 inch Pyrex tube, 12½-25 watt .....	<b>\$2.50</b>
<b>602 B</b> —3 inch Pyrex tube, 50-75-100 watt .....	<b>2.50</b>
<b>602 C</b> —10 inch Pyrex tube, 125-150 watts .....	<b>3.00</b>
<b>602 D</b> —12 inch Pyrex tube, 250 watts .....	<b>3.50</b>
<b>603—Submergible Pencil Heaters</b> —Completely submergible, new slim shape makes it easily concealed in the aquarium. Well made to give long service, provide uniform heat. One year guarantee.	
<b>603 A</b> —8" tube, 25 watts .....	<b>\$2.65</b>
<b>603 B</b> —10" tube, 50 watts .....	<b>2.65</b>
<b>603 C</b> —10" tube, 75 watts .....	<b>2.65</b>
<b>603 D</b> —12" tube, 100 watts .....	<b>2.85</b>
<b>603 E</b> —16" tube, 125 watts .....	<b>3.00</b>
<b>603 F</b> —16" tube, 150 watts .....	<b>3.25</b>
<b>603 G</b> —16" tube, 200 watts .....	<b>3.50</b>

**604—Wil-Nes Pyrex Tube Non-Submergible Heater**—Safe dependable heat, "safety sealed" in Pyrex glass tube with 4-foot lead cord and wire hanger. Highest quality chromel metal heating element, built for long lasting aquarium heating service. Guaranteed for one year. **SPECIFY WATTAGE WHEN ORDERING.**

¾"x7" Pyrex Tube—10, 15, 25, 50, 75, 100 watts—**\$2.00** each

**606—Heating Elements**—To replace worn out heating units in glass tube heaters. Ready to attach to cord, easily assembled. **SPECIFY WATTAGE WHEN ORDERING.**

10, 20, 30, 40, 50 watts .....

100 watts .....

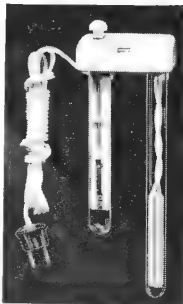
**607—Heater Sealing Compound**—To re-seal heaters of the non-submergible type. Enough sealing compound in can to repair two heaters. Does not dry out, unused portion will keep indefinitely. Per Can **15c**

**600—Metal Heater Clamp**—For heaters or thermostats—non-corrosive, light weight metal, easily bent to fit any aquarium frame. Price **35c**

## 628 WIL-NE'S OUTSIDE ADJUSTMENT HEATER AND THERMOSTAT COMBINATION

This two-tube unit combines heating efficiency with smart good looks for your aquarium. Control knob, pilot light, hanger fastner and tubes are all built into an attractive ivory colored bakelite case. Metal thumb screw fastens heater securely to outside of aquarium. This entirely new heater is built to give years of service, fully guaranteed by the manufacturer. All parts are easily and inexpensively replaceable. **SPECIFY WATTAGE.**

<b>628 A</b> —8" Tube, 25-50-75-100 watts .....	<b>\$5.75</b>
<b>628 B</b> —10" Tube, 75-100 watts .....	<b>6.00</b>



## 629 SUPREME OUTSIDE ADJUSTMENT HEATER AND THERMOSTAT COMBINATION

The finest of combination heater and thermostat single tube units. Everything contained in single Pyrex glass tube. Dependable thermostat with outside adjustment control knob, built-in pilot light, radio and TV static eliminator and heavy duty condenser. Complete with metal hanger and directions for operation.

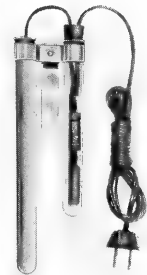
<b>629 A</b> —8" 40 watt .....	<b>\$5.75</b>
<b>629 B</b> —8" 75 watt .....	<b>5.75</b>
<b>629 C</b> —10" 75 watt .....	<b>5.85</b>
<b>629 D</b> —10" 100 watt .....	<b>5.85</b>
<b>629 E</b> —12" 100 watt .....	<b>6.00</b>
<b>629 F</b> —12" 150 watt .....	<b>6.00</b>



## 625 THERMOSTATIC HEATER

A thermostatically controlled heater for safe dependable aquarium heating. Thermostat and heater are held to side of aquarium by double heater clamp which hangs on side. Laboratory tested for efficient, economical operation, guaranteed for one year.

<b>625 A</b> —25 watts .....	<b>\$3.95</b>
<b>625 B</b> —40 watts .....	<b>3.95</b>
<b>625 C</b> —75 watts .....	<b>4.50</b>
<b>625 D</b> —100 watts .....	<b>4.75</b>



# THERMOSTATS

A thermostat will not heat the water. A thermostat is an electrically controlled automatic switch that will turn the aquarium heater on or off at whatever temperature it is set for, thus maintaining a constant water temperature. These thermostats we have listed are all precision instruments, laboratory tested, accurate within two degrees. All thermostats are guaranteed by the manufacturer.

## PLEASE REMEMBER

A heater and thermostat is a precision instrument—and an electrical appliance. Treat it as such—use it, do not abuse it—and it will give you years of trouble free service. We list here a few "DON'TS" which if observed will prolong the life of your heating equipment.

**DONT**—Allow water to get into tube of heater or thermostat.

**DONT**—Remove heater from aquarium without first disconnecting it from the electric—allow it to cool off before removing or replacing.

**DONT**—Put heater or thermostat in water if glass tube is cracked. If it is necessary to remove heater to clean aquarium, inspect the tube carefully for breakage.

**DONT**—Connect thermostat units until metal thermal unit has adjusted itself to the water temperature. If moisture forms inside the tube from condensation, dry thoroughly before connecting.

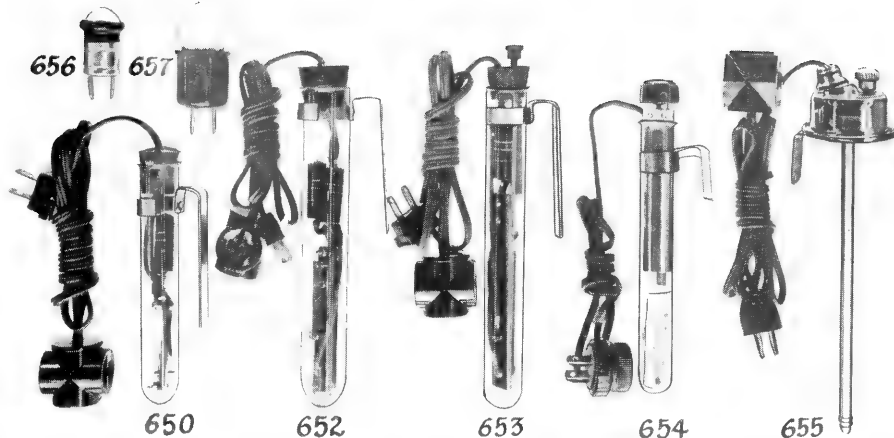
**626—Regular Simplex Heater and Thermostat Combination**—Same dependable heater and thermostat as described but **WITHOUT THE BUILT IN PILOT LIGHT.**

<b>626 A</b> —8" Pyrex tube, 25 watt.....	<b>\$3.90</b>
<b>626 B</b> —8" Pyrex tube, 40 watt.....	<b>4.45</b>
<b>626 C</b> —10" Pyrex tube, 75 watt.....	<b>4.60</b>
<b>626 D</b> —10" Pyrex tube, 100 watt.....	<b>5.00</b>
<b>626 E</b> —12" Pyrex tube, 125 watt.....	<b>5.50</b>

**627—Deluxe Simplex Heater and Thermostat Combination**—Here is heating efficiency at its best! Simple and space saving—single Pyrex tube contains both the heater element and thermostat with Radio and TV static eliminator—built in Pilot Light is the deluxe feature. When heater is operating the Pilot Light "glows" assuring you of its service. Coil type heating unit is practically everlasting. Guaranteed for one year.



<b>627 A</b> —8" tube, 25 watt....	<b>\$5.00</b>
<b>627 B</b> —8" tube, 40 watt.....	<b>5.00</b>
<b>627 C</b> —10" tube, 75 watt.....	<b>5.50</b>
<b>627 D</b> —10" tube, 100 watt.....	<b>5.75</b>
<b>627 E</b> —12" tube, 125 watt.....	<b>6.00</b>



**650—Short Simplex Thermostat**—6" Tube—built-in radio and TV static and interference eliminator. 4½ foot lead cord and three way plug for pilot light or heaters in combination up to 300 watts. Thermostat has easily set, inside adjustment screw type control. Metal clip for fastening to side of aquarium. Price **\$3.30**

(Pilot light, if desired, 35c extra)

**651—Long Simplex Thermostats**—(Not Illustrated) Same thermostat as described in No. 650 with the exception that it is intended to be used in deeper aquariums—aquariums over 10 inches deep. 8-inch tube. Price **\$4.00**

(Pilot light, if desired, 35c extra)

**652—Duplex Thermostat**—Designed for safety—two separate thermostats so arranged that if the one fails to shut off or turn on heater the other one will. Both units are adjustable—This added safety factor is all important to breeders or to aquarists who keep their fish in rooms with widely fluctuating temperatures. Built in radio and TV interference eliminator, 4½ foot lead cord, 2 way plug for heaters in combination to 300 watts and a pilot light. Two year guarantee. Price **\$6.25**

(Pilot light, if desired, 35c extra)

**653—Outside Adjustment Thermostat**—500 watt capacity—outside adjustment control knob permits easy accurate temperature regulation. Fine silver contact points assure long dependable service. 8 inch tube, metal hanger, 4½ foot lead cord, 2 way plug for heaters and pilot light. Two year guarantee. Price **\$5.65**

(Pilot light, if desired, 35c extra)

**655—1000 Watt Metal Outside Adjustment Thermostat**—For those aquarists who have several tanks to heat here is dependable, thermostatic control for heaters in combination up to 1000 watts. Unbreakable metal tube unit assures longer life to fine metal points, outside adjustment

facilitates temperature regulation. Unit is small in size, diameter of metal tube is ¾ inch, length 10 inches. Price **\$7.50**

(Pilot light, if desired, 35c extra)

**654—Calstat Calibrated Thermostat**—Calibrated outside adjustment—easily read calibrations simplifies setting of thermostat—thermometer at bottom of unit makes two precision instruments for the price of one. Built in interference eliminator, Pyrex glass tube, 500 watt capacity, guaranteed for two years. Price **\$5.50**

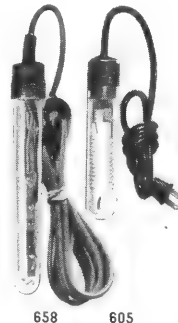
**656—Pilot Light**—A one piece unit that plugs into thermostat connection. When heater is on, the pilot light burns, when heater goes off, light also turns off. Makes thermostat adjustment simple, insures accuracy. Price **35c**

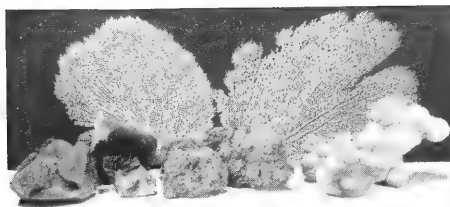
**657—Pilot Light Bulb and Socket**—Removable bulb and plug in socket, a longer lasting unit. Price **35c**

**658—Es-Es Thermostat**—5 inch tube—250 watt capacity. The unique snap action of this British made thermostat eliminates troublesome radio and TV static interference. Compact in size, dependable and accurate. Price **\$4.75**

(Pilot light, if desired, 35c extra)

**605—Es-Es Submergible Heaters**—For the extreme in tidy, compact, completely submergible aquarium heaters these top quality British made units are supreme. Completely reliable, miniature in size, giants in performance. 25, 50, 75, 100, 150 watts—(specify wattage) each **\$2.75**





## NATURAL DECORATIONS FOR AQUARIUMS — TERRARIUMS DISH GARDENS

**STAR FISH**—Dried starfish—perfectly formed and shaped—can be painted any color you desire. Use them in displays, for window trimming. Each **50c**.

**NATURAL CONCRETIONS**—Bizarre oddities of nature, these time worn unusually shaped rock formations add natural beauty to any aquarium.

Small **50c**; Medium **75c**; Large **\$1.00**

**SEA FANS**—For decoration on the wall or around your aquarium for a Tropical atmosphere. Cannot be used in the aquarium. Naturally colored yellow or lavender.

Small **50c**; Large **75c**.

**CORAL**—FOR AQUARIUMS, TERRARIUMS, DISH GARDENS.

**ROSE CORAL**—Small pieces about 1½" **20c** each. Large pieces about 3" **35c** each.

**LETTUCE CORAL**—Small selected pieces **75c**. Medium selected pieces **\$1.00**. Large selected pieces **\$2.00**.

**MUSHROOM CORAL**—Small pieces 3 to 4" **\$1.00**. Large pieces 6 to 7" **\$1.50**.

**DECORATIVE ROCK**—FOR AQUARIUMS, TERRARIUMS, DISH GARDENS.

ROSE QUARTZ, WHITE QUARTZ, FLAT DRUSE QUARTZ, PETRIFIED WOOD, RAINBOW ROCK, RED HONEY COMB ROCK, AGATE ROCK, FLINT ROCK. ALL SELECTED PIECES—NICELY SHAPED, ABOUT 16 OZ. EACH PIECE **50c**.

**GLASS NUGGETS**—FOR FISH BOWLS, FLOWER ARRANGEMENTS—HIGHLY COLORED, PER POUND PACKAGE—**95c**; 4 OZ. PACKAGE **25c**.

**JO-JO PASTEL SAND**—Brilliant, striking colors—safe to use in the aquarium—will not fade.

CHINESE RED — CHARTREUSE — FUSCHIA — PINK — NILE GREEN — BABY BLUE — EMERALD GREEN — SNOW WHITE — CANARY YELLOW — JET BLACK — BURNT ORANGE — Per Pound Package **25c**.

(Note: If 1 pound only is ordered Pastel Sand can be sent parcel post with other merchandise.)

# GRAVEL GUARDS

Gravel guards, or food guards, are useful as well as decorative in the aquarium. Primarily, they assist in the arrangement and aquascaping of the plants and show off the fish to a better advantage. If the gravel is placed higher in the back of the aquarium and sloped to the front most of the dirt and refuse in the aquarium will accumulate in front of the food guard and may be easily removed with a siphon or dip tube. Also, if a feeding ring is anchored to the glass with a suction cup holder over the open area formed by the gravel guard any excess food will drop into this open space and not drift between the gravel where the fish cannot find it.

All our gravel guards are handmade from natural slate, rocks, and minerals, that have been tested and found safe to use in the aquarium. These rocks are selected for their individuality of shape and color to provide an interesting and beautiful contrast with the plants in a natural setting.

**GRAVEL GUARD WITH BRIDGE**—Handmade from slate, natural rock and minerals, the rustic plastic bridge adds a decorative touch without detracting from the natural beauty of "Things Aquatic".

**BG 12**—12" long for aquariums 18" to 20" long ..... **\$2.00**  
**BG 14**—14" long for aquariums 24" to 30" long ..... **\$2.25**  
**BG 16**—16" long for aquariums 30" to 36" long ..... **2.75**

**DELUXE GRAVEL GUARDS**—Here is a food guard designed to add color as well as utility. Short pieces of slate form the angles with a grouping of harmoniously blended rocks in the center. Distinctive and different, this series of deluxe gravel guards make a beautiful center piece in the front of any aquarium.

**DXG 12**—12" long for aquariums 18" to 20" long ..... **\$1.75**  
**DXG 14**—14" long for aquariums 24" to 30" long ..... **2.00**  
**DXG 16**—16" long for aquariums 30" to 36" long ..... **2.50**

**NATURAL LOOKING GRAVEL GUARDS**—These guards with rocks on either sides of slate set in steps form a feeding area in the front of the aquarium and provide a natural decorative touch. Rocks are carefully selected so as not to detract from the "natural look" in your aquarium.

**GG 10**—10" long for aquariums 16" to 20" long ..... **\$1.25**  
**GG 12**—12" long for aquariums 18" to 20" long ..... **1.50**  
**GG 14**—14" long for aquariums 24" to 30" long ..... **1.75**  
**GG 16**—16" long for aquariums 30" to 36" long ..... **2.00**

**GRAVEL GUARDS FOR SMALL AQUARIUMS**—

Illustrated at bottom of photo these Gravel Guards are specifically designed for aquariums from 2 to 6 gallons in size. Handmade they are richly filled with small bits of rock and stone.

**GG 1**—6½" long—¾" deep for aquariums 10" to 16" long ..... **50c**  
**GG 2**—Same size as above—crescent shaped ..... **50c**



**BG**



**DXG**



**GG**



**GG1**



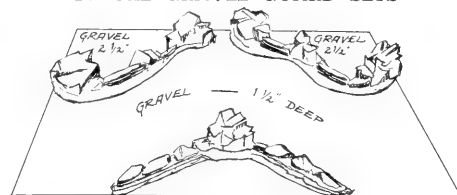
**GG2**

## DELUXE TERRACE GUARD SETS

These 3-piece gravel guard sets are made for larger size "show tanks". The two terrace pieces that fit across the back are made to give two levels in the aquarium thus showing off all the plants to a better advantage. The piece across the front provides an open space for a feeding area. All are artistically hand made from natural rock and minerals that are not harmful to the aquarium.

**TG 24**—for 24" aquariums ..... **\$6.00**  
**TG 30**—for 30-36" aquariums ..... **8.50**

## DELUXE GRAVEL GUARD SETS



### JO-JO AQUARIUM GRAVEL

Note: JO-JO Aquarium Gravel is shipped only in quantities as listed via Railway Express—shipping charges collect—we do not ship aquarium gravel parcel post unless sufficient postage is included and you specify parcel post shipment.

**JO-JO Aquarium Gravel**—Coarse white Silica Grits.  
 10-lb. bag **50c**; 15-lb. bag **75c**; 25-lb. bag **\$1.00**



## PLEASE NOTE

### WE DO NOT SHIP TROPICAL FISH

We carry in stock at our plant, at all times, a complete variety of all the popular varieties and many of the more rare varieties of Tropical Fish. We sell Tropical Fish at our plant only.

Because of extremely poor service and improper handling of Tropical Fish shipments enroute, we have found it necessary to discontinue entirely, the shipping of Tropical Fish.

We have done so because of the needless aggravation caused our customers receiving shipments of Tropical Fish dead or sick on arrival.

We are proud of our merchandise, the plants and fish we grow here—we want you, our customers to receive our products in good condition, so that you will receive full value enjoyment in return for the money you spend with us.

## GOLDFISH COLLECTIONS

### For The Aquarium Or Small Pool

#### COLLECTION NO. G 1

10 assorted fish—cute little red and gold fantails, coal black Telescopes, colorful Comet Tails, and odd calico colored Shubunkins.

Col. G 1 — \$2.00

#### COLLECTION NO. G 2

15 assorted fish as described above—a nice collection for a 10 gallon aquarium.

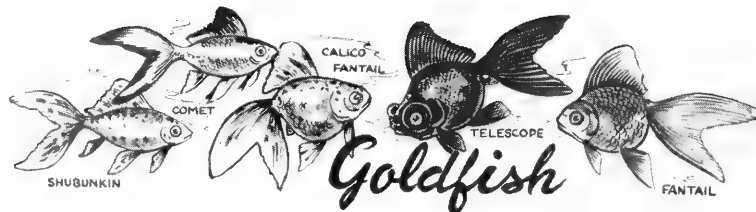
Col. G 2 — \$2.65

#### COLLECTION NO. G 3

15 selected extra fancy goldfish, Fantails, Telescopes, Shubunkins, Calico Fantails, Comets—all carefully selected as to color, fins, and body shape. Medium size selected fish of top quality scientific breeding. A real "show collection" for the goldfish fancier.

Col. G 3 — \$3.50

NOTE: PRICES OF ABOVE COLLECTIONS  
INCLUDE SHIPPING CONTAINER



"A THING OF BEAUTY IS A JOY FOREVER!" The beauty and hardiness of the goldfish have made them an aquatic pet for centuries. Today these same species are still in abundance; still as beautiful in the aquarium or fish bowl. We are sure that you will be more than pleased with our goldfish selections.

**COMET TAILS**—These are the best known of the goldfish; a variety with long graceful tails and brilliant colors.

2 to 3 inch	each 15c	dozen \$1.50
3 to 4 inch	each 20c	dozen 2.00

**FANTAILS**—The most graceful and perhaps best liked of the goldfish.

2 inch	each 25c	dozen \$2.50
3 inch	each 35c	dozen 3.50

**TELESCOPES**—These velvety black fish have large protruding "pop-eyes."

2 inch	each 35c	dozen \$3.50
3 inch	each 50c	dozen 5.00

**SHUBUNKINS**—A thoroughly hardy fish with brilliantly mottled colors, blue, red and black, white, yellow, and brown. These fish are also known as "Calico Fish".

2 to 3 inch	each 25c	dozen \$2.50
3 to 4 inch	each 35c	dozen 3.50

**CALICO FANTAILS**—A delightful combination of brilliant calico colors and graceful tail. The Calico Fantail is one of the more unusual types of goldfish.

2 inch	each 35c	dozen \$3.50
3 inch	each 50c	dozen 5.00

## BOOKS ABOUT YOUR HOUSE PLANTS

**THE AFRICAN VIOLET**—by Helen Van Pelt Wilson—A fascinating book about a favorite house plant. Fully illustrated—191 pages packed with valuable information—growing aids and varieties. PRICE \$2.50.

**CACTI AND SUCCULENTS**—How to grow them, their habits and peculiarities. 69 pages filled with useful information about these plants. PRICE 30c.

**COMPLETE BOOK OF GARDEN MAGIC**—All the information you need. Here is a real value—320 pages, size 8x1¼ inch. Chuck full of information, how to plant—plant, and take care of your garden and plants. 17 full color pages—hundreds of other black and white illustrations. PRICE \$3.00.

**PRONOUNCING DICTIONARY OF PLANT NAMES**—A real must for every home gardener. Contains 3,000 plant names and botanical terms with accurate pronunciation and concise definitions. 64 pages. PRICE 25c.

**MODERN FOLIAGE PLANTS**—by Alfred B. Graf.—This 32-page booklet written by a well known authority on decorative plants is filled with valuable information and well illustrated. Many rare plant specimens are described. PRICE 75c.

**THE ART OF DRIFTWOOD AND FLOWER ARRANGEMENT**—by Tatsuo Ishimoto—78 master flower arrangements, explained with 150 easy to follow photographs. Each arrangement is susceptible to many variations. Complete advice on what to buy (and how to get the most for your money), what containers to use, what colors and varieties go well together, how to make flowers last. PRICE \$2.95.

## READ BEFORE ORDERING GOLDFISH

GOLDFISH ARE SHIPPED RAILWAY EXPRESS—MINIMUM ORDER \$2.00  
WE GUARANTEE LIVE ARRIVAL OF GOLDFISH

NO ORDER ACCEPTED FOR GOLDFISH IF SHIPPING DISTANCE IS OVER 1000 MILES

Live arrival guaranteed under the following conditions: If shipment arrives in bad condition notify the Railway Express Claim Department at once—obtain from them a "Joint Inspection Bad Order Report." Return our can and mail us this Bad Order Report. With this, we can replace the dead fish to you free of charge. No claims will be considered without this Bad Order Report. We reserve the right to replace or refund purchase price of fish at our discretion.

### SHIPPING CANS

Orders for up to 25 fish are shipped in non-returnable shipping cans. Add 50c to the amount of your order for the cost of this can.

Orders for up to 50 fish are shipped in our type "B" shipping can. We require a deposit of \$3.00 to insure the return of this can. "B" Cans to be returned prepaid, your deposit refunded on receipt of our can.

Orders for more than 50 fish or larger fish are shipped in our type "A" shipping cans. We require a deposit of \$7.50 to insure return of this can. "A" cans to be returned prepaid, your deposit refunded on receipt of our can.

**Please Note:** All type A and B fish cans can be returned via the Railway Express "EMPTY CONTAINER RATE" from any point in the United States plus tax. The deposit we require is nowhere near the value of these shipping cans, we must have these cans back. We expect your co-operation and appreciate it.

# GARDENS IN GLASS

## BRANDY SNIFTERS

Too large for drinking—just right for planting. Easy to care for, hardy, cacti gardens add year round beauty to any room. Two styles, beautiful GREEN BASE BRANDY SNIFTERS—or all CRYSTAL CLEAR GLASS BRANDY SNIFTERS.

**T 1 C GREEN BASE BRANDY SNIFTER (T 1)** Complete as illustrated with 8 hardy cacti and succulents, a miniature covered wagon and donkey, 2 ornamental rocks, colored sand. PRICE COMPLETE \$7.25. PLANTS ETC. ONLY—\$3.00.

**T 2 C GREEN BASE BRANDY SNIFTER (T 2)** Complete as illustrated with 7 hardy cacti and succulents, a miniature covered wagon and donkey, ornamental rocks and colored sand. PRICE COMPLETE \$5.20. PLANTS ETC. ONLY—\$2.25.

**T 3 C GREEN BASE BRANDY SNIFTER (T 3)** Complete as illustrated with 5 hardy cacti and succulents, a miniature donkey, ornamental rock and colored sand. PRICE COMPLETE \$1.80. PLANTS ONLY—\$1.45.

**T 4 C GREEN BASE BRANDY SNIFTER (T 4)** Complete as illustrated with 4 hardy cacti and succulents, a miniature donkey, ornamental rock and colored sand. PRICE COMPLETE \$1.65. PLANTS ONLY—85c.



### BRANDY SNIFTERS ONLY (without plants etc.)

Capacity	Height	Width	Green Base	Price	Clear Base	Price
265 oz.	12 1/4"	9 1/2"	No. T 1	\$4.25	No. T 5	\$3.95
160 oz.	11"	8"	No. T 2	2.95	No. T 6	2.65
65 oz.	8"	6"	No. T 3	1.35	No. T 7	1.15
32 oz.	7"	5"	No. T 4	.80	No. T 8	.75

Note— 265 Oz. & 160 Oz. shipped via Railway Express.

## GIANT BOWLS —Shipped via Railway Express

GIANT BUBBLE BOWLS—Hand made—Crystal clear—a most exciting shape!

No. T 137—THE GIANT BOWL—12" high, 14" diameter	each	\$6.55
No. T 138—THE GIANT BOWL—11" high, 12" diameter	each	4.25
No. T 139—THE GIANT BOWL—10" high, 10" diameter	each	3.10



**NO. DM 104 — COTTAGE GARDEN**—For that charming touch; or merely to bring a delightful breath of spring indoors all year round. Ideal atop your TV set or end tables, this graceful dishgarden will enhance any decor. Complete with six beautiful plants, all hardy varieties, miniature garden ornaments (House, Arbor, Bridge, and Bench) with plenty of colored gravel to give your planting a smooth finished look. Bowl 104 is 2 inches deep, 10 inches long, 5 1/4 inches wide.

**NO. DM 104—COTTAGE GARDEN—COMPLETE**  
as pictured ..... \$3.00

Specify color of bowl—Green or White  
**NO. 104—Bowl Only—Green or White** ..... \$1.00



**NO. D 133—SIOUX CITY**—Reminiscent of the old west, the saga of the American Indian is permanently displayed in this miniature scene. Cacti and hardy tree like dish garden plants provide a fitting background for the three Indian figures around a campfire in front of their teepee. Rock and colored gravel add a further note of realism and detail. Bowl No. 132 is 9 1/2" long, 4 3/4" wide, 2 1/4" deep.

**NO. D 133—SIOUX CITY—Complete as pictured** ..... \$3.00  
Specify color of bowl—Green or White

**NO. 132—Bowl Only—Green or White** ..... \$1.30



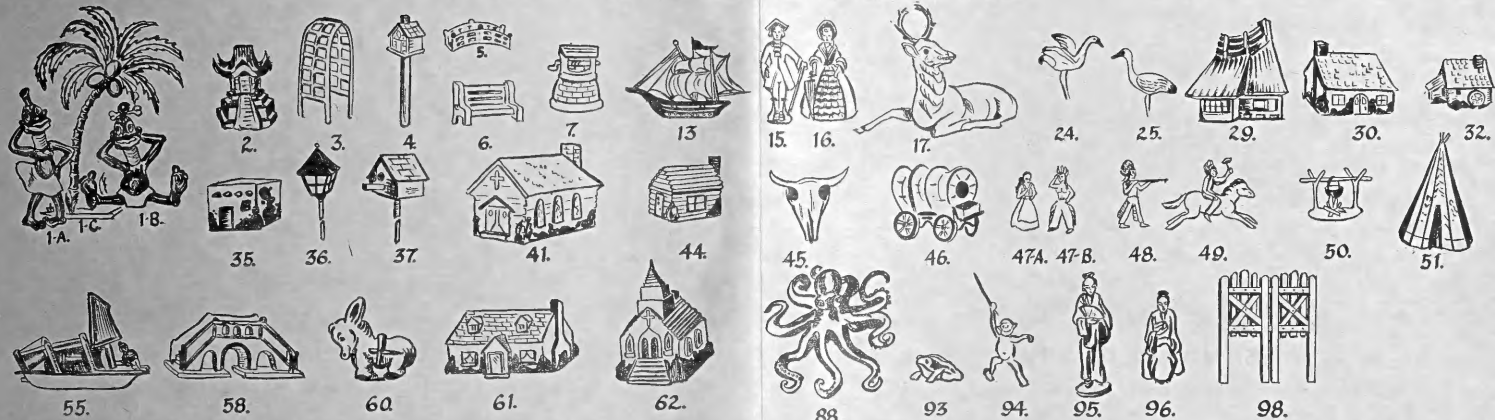
**NO. D 134—AFRICAN BE-BOPS**—Looking for a chuckle? Man dig this crazy dish garden! Be-Bop figures are laugh provoking and as cute as they can be. All have "kinky" hair and are colorfully dressed in beach-wear Be-Bop fashions. Five hardy plants, driftwood, rock, and colored gravel are included with this planter.

**NO. D 134—AFRICAN BE-BOPS—Complete**  
as pictured ..... \$3.00  
Specify color of bowl—Green or White

**NO. 104—Bowl Only—Green or White** ..... \$1.00

**BE-BOP FIGURES—50c each; 90c for Two; \$2.40 for set of 6**

# DISH GARDEN MINIATURES



Letters denote materials Miniatures are made from: M—Metal; P—Plaster; C—China.

1 A Mr. Ubangi, C, 2 1/4" High ..... \$1.00	15 Colonial Man, M, 1 3/4" high ..... \$ .15
1 B Mrs. Ubangi, C, 2" High ..... 1.00	16 Colonial Woman, M, 1 3/4" high ..... .15
1 C Palm Tree, M, 4 3/4" High ..... .35	17 Sitting Deer, M, 4" long ..... .35
2 Pagoda, M, 1 3/4" High ..... .25	24 Flying Swan, M, 2" high ..... .10
3 Arbor, M ..... .10	25 Standing Swan, M, 2" high ..... .10
4 Bird House, M, 3" High ..... .10	29 South Sea Hut, P, 1 1/2" high ..... .25
5 Small Bridge, M, 1 1/4" long ..... .10	30 Bungalow, P, 1 1/2" high ..... .25
6 Bench, M ..... .10	32 Old Mill House, P, 1 1/2" high ..... .25
7 Wishing Well, M ..... .20	35 Pueblo, P, 1" high ..... .25
13 Ship, M, 1 3/4" High ..... .15	36 Lantern on Pole, P ..... .25

## PLANTS FOR TERRARIA AND DISH GARDENS

### DECORATIVE PLANTS

TD SANSEVERIA—Hahnii ..... 50c
TD SANSEVERIA—Zeylanica ..... 35c
TD SANSEVERIA BANTELS SENSATION \$2.00
TD SANSEVERIA NELSONII—Pat. No. 633 50c
TD SANSEVERIA COMPACTA ..... 50c
TD SANSEVERIA LAURENTII ..... 50c
TD SANSEVERIA ZEYLANICA ..... 35c
H WATERMELON PEPEROMIA ..... 50c
D CRASULLA ARBORESCENCE ..... 25c
D CRASULLA VARIEGATED ..... 35c

### TREE LIKE PLANTS

TD EUONYMUS—Yellow Queen ..... 35c
TD BUXUS JAPONICA (Boxwood) ..... 25c
TD EUONYMUS—Silver Queen ..... 35c
TD PITTISPORIUM—Green and White ..... 75c
TD PITTISPORIUM—Green ..... 35c
TD PODACORPUS—Japanese Yew ..... 25c
TD GREEN EUONYMUS—Small Leaves ..... 25c

### KEY TO LETTERS

- D—Plants suitable for Dish Gardens  
H—Specimen Plants—use in individual Pots

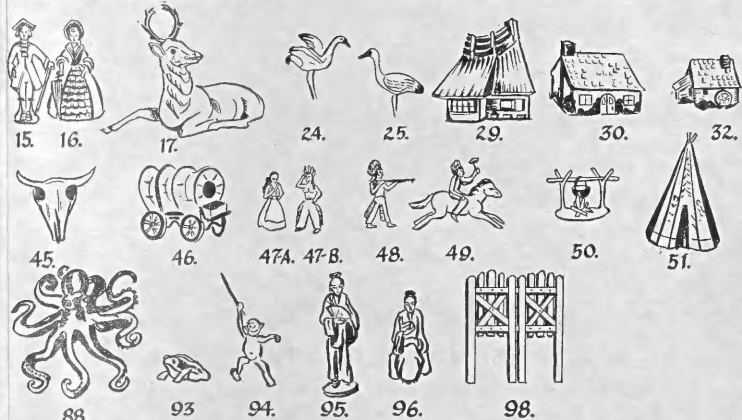
D CREOPEGIA WOODIE ..... 35c
T HOYA CARNOSA (Wax Plant) ..... 45c
T HOYA VARIEGATED ..... 65c
T HOYA EXOTICA ..... 75c
TD THE PRAYER PLANT (Maranta Kerchoveana) ..... 50c
TD PELLONIA ..... 35c
H TRADESCANTIA DISCOLOR ..... 50c
TD TALMIEA MENZIEZI (Piggy back plant) 50c
D CRASULLA LYCOPODIODES ..... 25c
D PANDA PLANT ..... 35c

### FERNS

TD PTERIS VARIEGATED ..... 35c
TD PTERIS WILSONII ..... 35c
TD PTERIS CRISTATA ..... 35c
TD CRYTONIUM ..... 35c
TD SELAGINELLA—Moss Fern ..... 35c
TD SELAGINELLA—Trailing Peacock Blue 75c
TD SELAGINELLA—Brownii ..... 35c
TD SELAGINELLA—Emiliana ..... 35c

### PRECEDING PLANTS

- T—Plants suitable for Terrariums  
TD—Plants suitable for Dish Gardens or Terrariums



37 Bird House, P ..... \$ .25	51 Teepee, M, 1 1/4" high ..... \$ .15
41 Large Church, P ..... .35	60 Donkey, P, 1 3/4" high ..... .25
44 Farm House, P, 1 1/4" high ..... .25	61 Brick House, P, 1" high ..... .35
45 Steer Skull, P, 1 1/4" high ..... .10	62 Church, P, 2 1/2" high ..... .50
46 Covered Wagon, P, 1 3/4" high ..... .50	88 Octopus (Rubber), 1 1/4" high ..... .25
47 A Indian Squaw, M, 1 1/4" high ..... .10	93 Frog, C, 3/4" high ..... .25
47 B Indian Chief, M, 1 1/4" high ..... .10	94 Monkey, M, 1 1/2" high ..... .15
48 Indian Hunter, M, 1 1/4" high ..... .10	95 Standing Chinaman, C, 2 1/4" high ..... .25
49 Indian on Horse, M, 1 1/2" high ..... .10	96 Sitting Chinaman, C, 1 1/2" high ..... .20
50 Camp Fire, M, 1 1/4" high ..... .10	98 Gate, M, 1 3/4" high ..... .15

**MADONNA AND CHILD PLANTER**—This beautiful planter (pictured at right) is 11" high, 4 1/2" in diameter at base, can be used for cut flowers or planted as illustrated. Satin smooth, soft white glazed finish.

Planter Only ..... Each \$2.00

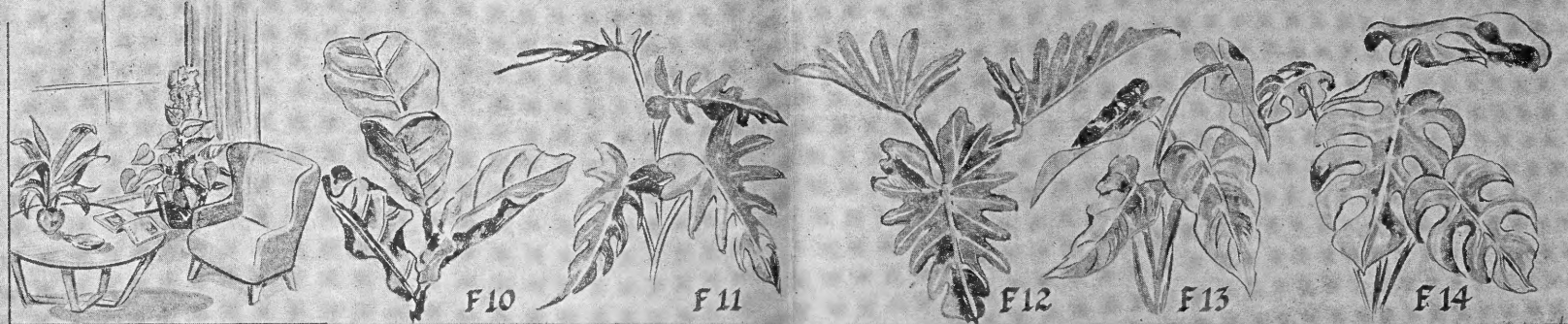
Planter and Plants—  
(1 Nephytis, 1 Philodendron, 1 Ivy) Each 2.75

**MADONNA AND CHILD FIGURINE**—(Same as pictured, without Floral Base.) The same lovely figure of the Madonna and Child is also available without the planter base, 11 1/2" high, 5 1/2" at base.

Madonna and Child Figurine ..... Each \$2.00



MADONNA AND CHILD



## Fresh Living Beauty for Your Home or Office — Decorative Foliage Plants

You work better—feel better—think better—and you get more pleasure out of every day life when you live in the cool comfort of pleasant natural surroundings.

Decorative foliage plants give you this quiet, restful atmosphere. Their natural beauty and vigor relieves the harshness of walls and floors. Their living color adds a warmth of friendly feeling that can't be achieved with the colors of paint or cloth.

Be your own decorator—choose any one of these hardy foliage plants—select several for a colorful grouping to brighten up any room. All plants shipped are perfect specimens—chosen from our greenhouses and sent direct to you. **F 10 FISCUS PANDURATA**—Sometimes called the "Fiddle Leaf" plant—Large dark green banjo shaped leaves with pronounced veins. MEDIUM SIZE \$2.50.

**PHILODENDRON**—A group of tropical plants that have large heart shaped or arrow shaped leaves, sometimes cut or lobed at their margins, of leathery texture, and usually a rich green color. For decoration possibilities unlimited try a grouping of these hardy moisture loving decorative foliage plants. No doubt, the Philodendron plants are among the most widely used decorative plants. They need no direct sunlight to grow—require only average watering.

**F 11 PHILODENDRON DUBIUM**—Large gracefully indented leaves. Rich green color. MEDIUM SIZE \$1.50; LARGE \$2.50.

**F 12 PHILODENDRON SELLOUM**—No other plant achieves such an intensely tropical effect. A very rapid grower—leaves deeply cut dark green with slightly ruffled appearance. MEDIUM SIZE \$2.50; LARGE \$3.50.

**F 13 PHILODENDRON HASTATUM**—Large arrow shaped leaves—dark green—a very compact grower. MEDIUM SIZE \$1.50; EXTRA LARGE \$2.50.

**F 14 PHILODENDRON PERTUSUM**—One of the most popular of all decorative plants. Sometimes called the Swiss Cheese plant because of its large cleft leaves with round cut out along the mid rib of the leaf. MEDIUM SIZE \$2.50; LARGE \$3.50.

**F 21 PHILODENDRON CRESTOFOLIUM** (Not Illustrated)—Dark green, indented leaves. MEDIUM SIZE \$1.50; LARGE SIZE \$2.50.

**F 24 PHILODENDRON GLORIOSO**—A new variety with "heart shaped" leaves, of velvety green. MEDIUM SIZE \$2.50.

**DIEFFENBACHIA**—Native of South America and the West Indies, the plants of this family rank high on the list of indoor decorative foliage plants.

**F 15 DIEFFENBACHIA RUDOLPH ROEHR'S**—Large paddle shaped leaves, yellow edged with green and marked with ivory. \$1.50 each.

**F 22 DIEFFENBACHIA PICTA BAUSEI**—(Not Illustrated)—Green, paddle shaped leaves with white striping. \$1.00 each.

**F 16 DRACAENA WARNECKI**—A spectacular tropical plant—large elliptical shaped leaves on rather long stems. Strikingly marked leaves have green and white stripes running lengthwise. \$1.50 each.

**F 23 DRACAENA EUGENE ANDRE**—(Not Illustrated)—A gorgeously colored variety with intensely colored rosy crimson leaves. \$2.50 each.

**F 17 FANCY LEAF CALADIUMS**—We have three different types—green with white variegation in leaves, green and pink with white variegation, and one with green, white and red variegation in the leaves. These plants are grown easily from bulbs in moist sand. LARGE BULBS—3 for \$1.00. COMPLETE DIRECTIONS INCLUDED.

**F 18 CROTONS—ASSORTED VARIETIES**—No doubt the most colorful of Tropical Foliage plants. In no other group of plants will you find such a variation of colors and leaf forms. Each plant will have several different color variations in a single leaf with no two leaves having the same exact variegation. MEDIUM SIZE PLANTS 75c each. A COLLECTION OF FIVE CROTONS, ALL DIFFERENT, \$2.75.

**F 19 CHINESE EVERGREEN (AGLONEMA)**—Can be grown in water without soil like an ivy—has rich green leaves with a shiny leather like texture. 50c each.

**F 20 DIEFFENBACHIA PICTA**—Waxy green leaves with white blotches. \$1.00 each.



## TRY YOUR HAND MAKING THESE DRIED PLANT ARRANGEMENTS

You don't have to have a "green thumb" for this type gardening! Exciting to work with, easy to use, these dried plant materials have many uses in modern arrangements and decorating. The dish gardens pictured at the right illustrate the different types of material we have for you. A dish garden arrangement is but one of the many ways this dried plant material can be used. Elsewhere in our catalog we have combined the dried plants with live plants with a startling effect; for a different table decoration use these dry materials with seasonable fruits or flowers. Let your imagination run wild—there is no end to the decorating possibilities.

## NATURAL DRIED PLANT MATERIALS FOR DISH GARDENS AND ARRANGEMENTS

- NO. 1 PALM HEARTS**—Also called "Curly Palm". Green tinted light tan colors. SMALL SIZE 50c; MEDIUM 75c; LARGE \$1.00.
- NO. 2 AGAVE CLUSTERS or BUDS**—From the giant Agave or Century Plant, color, tan to brown. SMALL 35c; MEDIUM 50c.
- NO. 3 TORNILLA or SCREW-BEAN POD**—Colors, buff to brown. ASSORTED CLUSTERS 15c.
- NO. 4 DESERT PRIMROSE CENTERS**. SMALL 25c; MEDIUM 50c.
- NO. 5 MALE DATE CALYX**—Dried flower of the male date palm. Color, light tan to ivory. EACH 35c.
- NO. 6 DELGET STREAMERS**—Long stemmed pods, widely used in floral arrangements. PER BUNCH 25c.
- NO. 7 CHART MOSS**—Used for making Ming Trees and other floral arrangements. SMALL PIECES 25c; MEDIUM LARGE PIECES 35c.
- NO. 8 CHOLLA WOOD**—The dried skeleton of the Cholla Cactus—cured on the hot desert sands. Light weight, tan color. SMALL PIECES 2 for 25c; MEDIUM 25c; MEDIUM LARGE 50c; LARGE 75c.
- NO. 9 YUCCA PODS**—Single and in clusters. 6 for 25c.
- NO. 10 LOTUS PODS**—Seed pods from the oriental lotus. 2 for 25c.
- NO. 11 DRIFTWOOD**—Selected pieces, with odd shapes and interesting lines. SMALL about 6" 50c; MEDIUM about 8" 75c; LARGE about 12" \$1.00.
- PRICES ON LARGER PIECES OF DRIFTWOOD GIVEN ON SPECIFIED SIZE—LET US KNOW HOW YOU INTEND TO USE IT AND WE'LL SELECT A PIECE TO SUIT YOUR PURPOSE.
- NO. 12 OKRA PODS**—stems with pods. EACH 50c.
- NO. 13 SPINY HERBS**—2 for 25c.
- NO. 14 SILVER SAGE**—4 for 25c.
- NO. 15 DIO ROSETTE**—EACH 35c.
- NO. 16 LION TAIL**—4 for 25c.
- NO. 17 WOOD ROSES** from Hawaii. EACH 35c—3 for \$1.00.
- NO. 18 LIPSTICK PODS**—from Hawaii—EACH 35c.
- NO. 19 BLACK GRASS**—from Hawaii—5 for 35c.

**NO. D 140 FLAMINGO PLANTER**—Nature is full of the strange and the fantastic; we have captured this bizarre combination and have added the graceful Flamingo figures for charm and color. For beginner or expert, our selection of the following dried materials used in this arrangement are easy to work with and pleasing to the eye. Left to right as illustrated in the photograph: No. 1 Fantozma Palm Hearts, No. 8 Cholla Wood, No. 2 Agave Bud Clusters, No. 4 Primrose Center, No. 6 Delgit Streamer—each piece carefully selected as to size and shape to fit this bowl and planting arrangement.

- NO. D 140 FLAMINGO PLANTER**—with (1) Flamingo on the Wing, complete as illustrated \$2.30  
Specify color of bowl—Green or White
- NO. 104 Bowl Only**—Green or White \$1.00  
Flamingoes—Standing 35c; On the Wing 45c; Bending 35c;  
Set of all three \$1.00

**NO. D 142—FIRE FLY PIXIES**—Here is another delightful arrangement of dried plant materials. Use it as a center piece on your table, or a sure fire conversation piece anywhere in the home. Dried materials included in this group are as follows: Palm Heart, Sea Fans, Cholla Wood, 12 as sorted Black Grass & Sage, Lip Stick Pods, Baby Wood Rose, Wood Rose, Yucca Pods, Chart Moss, Agave Clusters, Screw Bean Pods, Leaf shaped Haeger Bowl is 12" long, 6" wide, 1½" deep, colors White, Blue, Ox Blood. As cute as a bug! The little children figures have a "Hummel" look and a lady bug on each. Two are included with the dish garden, or they may be ordered separately.

- NO. D 142—FIRE FLY PIXIE GARDEN**—Complete as illustrated with two figures \$5.50  
Specify color of bowl—White, Blue, Ox Blood
- NO. 142 Bowl Only**—White, Blue, Ox Blood \$1.50  
Fire Fly Pixies—25c each; SET OF SIX—\$1.25.

## NEW IVIES



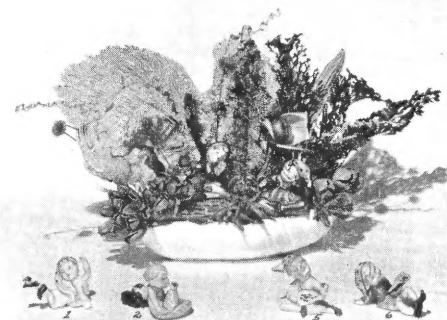
H-36 H-37 H-38 H-31 H-39

Here we have listed some of this year's finest Ivies. All are beautiful hardy plants that will grow and flourish under most home conditions. As illustrated:

- H-36 FANNETTE**—Picturesque fan-shaped leaves, with eyeletted perimeter forming fluted scallops—35c.
- H-37 EMERALD JEWEL**—A dwarf ivy, three pointed leaves. Rich forest green color, a vigorous grower—35c.
- H-38 ABUNDANCE**—Heart shaped leaves, delicate looking foliage, heavily veined. Low growing and bushy, a perfect plant for dish gardens—35c.



D 140



D 142

- H-31 GREEN SPEAR**—Very showy, foliage is heavy and stocky, dark green in color, leaves have definite slender spear shape—35c.
- H-39 SYLVAN BEAUTY**—Waxy, dark green, arrowhead shaped leaves, short stemmed bushy grower—35c.
- OTHER OUTSTANDING IVY VARIETIES NOT ILLUSTRATED:
- H-1 ENGLISH IVY** (Hedera Helix). For the border where it is a bit shady. Alternate dark green leaves. Each 20c.
- H-3 SELF BRANCHING IVY** (Hedera Pittsburg). Grows with new branches forming at the base of the leaves. Each 25c.
- H-6 LEOPARD IVY** (Hedera Colchica Variegata). Leaves are deep green with tiny white dotted coloring on the surface of the leaf. Each 35c.
- H-20 MANDAS CRESTED IVY**. A compact trailing plant—Beautiful large cellophane green wavy leaves—distinctly different—one of those "must have" varieties. Each 50c.
- H-23 NEEDLE POINT**. Dainty little leaves—growing close together, self-branching, makes it desirable for the home. Each 35c.

# CACTI

Below we have listed the hardiest and most unusual varieties of cacti we can find, many are old favorites, others are new and more rare varieties. Cacti are easy to grow under ordinary household conditions. For an unusual and extremely decorative effect we suggest a "Cactus Terrarium"—for a touch of realism add any of the miniature dish garden ornaments we list in this book.

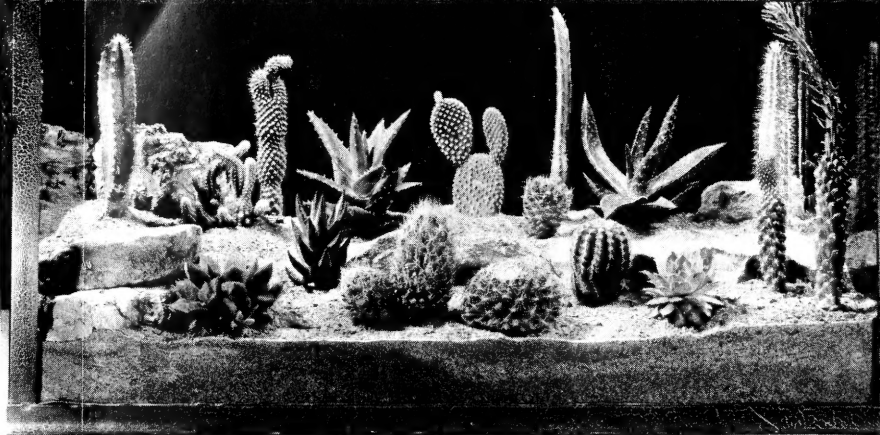
- |                                 |                               |
|---------------------------------|-------------------------------|
| CT-1 —Cereus Variety—Peruvianus | CT-15—Sempervivum             |
| CT-2 —Chamaecereus Sylvestrii   | CT-16—Opuntia Crestata        |
| CT-3 —Opuntia—Boxing Glove      | CT-17—Eupharbea Caput Medusae |
| CT-4 —Oleo Nobilis              |                               |
| CT-5 —Opuntia Rufida            |                               |
| CT-6 —Mammillaria               |                               |
| CT-7 —Stapelia                  |                               |
| CT-8 —Aloe—Gasteria             |                               |
| CT-9 —Nyctocereus Serpentinus   |                               |
| CT-10—Haworthia Cymbriformis    |                               |
| CT-11—Haworthi Coarctata        |                               |
| CT-12—Tarchcactus               |                               |
| CT-13—Mamillaria Type           |                               |
| CT-14—Echinocereus              |                               |

All CT series Plants priced individually

at

**25c each**

Back Row—1 to 9.  
Front Row—10 to 17.

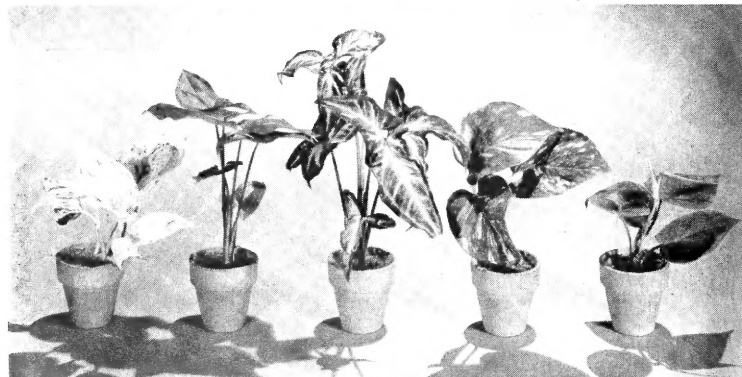


## Moisture Loving Plants

FOR SOIL-LESS GARDENING—A modern idea—a companion thought to the ever popular dish garden. Style your SOIL-LESS garden to harmonize with the interior of today's functional living room. All you need to create an interesting scene is a container that will hold water and plants. Fashion it to suit your own fancy using drift wood, or cork bark, highly colored rocks, Leichens or sheet moss. Top it off with a colorful miniature figure or dish garden ornament—finish it with colored sand.

- M-3 NEPHTHYS—Green Spear shaped leaves—25c each.  
M-4 PHILODENDRON CORDATUM—a rapid grower—25c.  
M-5 POTHOS AUREUS—25c.  
M-7 SILVER MARBLE POTHOS—50c.  
M-14 VARIEGATED NEPHTHYS (PATENTED "TRI-LEAF WONDER")—50c.

**Collection ML 75** One Each of the Above **\$1.50**  
Listed Plants



M-7

M-3

M-14

M-5

M-4

## DECORATIVE PLANTS

- |                                |         |
|--------------------------------|---------|
| DT-1 —Watermelon Peperomia     | ea. .50 |
| DT-2 —Irish Moss               | ea. .25 |
| DT-3 —Tradescantia             | ea. .35 |
| DT-4 —Pink Veined Fittonia     | ea. .75 |
| DT-5 —Selaginella              | ea. .35 |
| DT-6 —Brazilian Epicia         | ea. .50 |
| DT-7 —Star Cryptanthus         | ea. .35 |
| DT-8 —Green Cryptanthus        | ea. .25 |
| DT-9 —Spider Cryptanthus       | ea. .50 |
| DT-10—White and Green Fittonia | ea. .50 |

Here is a group of plants gathered from the four corners of the world; each has its

own individual personality. All make beautiful specimen plants and are hardy terrarium plants as well.

- The following plants are not illustrated:
- |                                    |         |
|------------------------------------|---------|
| DT-11—Selaginella Brownii          | ea. .35 |
| DT-12—Selaginella Emiliana         | ea. .50 |
| DT-13—Selaginella Trailing Peacock |         |
| Blue                               | ea. .75 |

Back Row: DT-1, DT-2, DT-3, DT-4, DT-5, DT-6

Front Row: DT-7, DT-8, DT-9, DT-10

